

Product datasheet

Recombinant Human ESRP2 protein ab164177

1 Image

Description

<b>Product name</b>	Recombinant Human ESRP2 protein
<b>Expression system</b>	Wheat germ
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human

<b>Sequence</b>	<p>                     MTPPPPPPPPPGPDPAADPAADPCWPGLVVLFGATA                      GALGRDLGSDET                      DLILLVWQVVEPRSRQVGLHKSIVRAEAAAALSTQCREA                      SGLSADSLARA                      EPLDKVLQQFSQLVNGDVALLGGGPYMLCTDGGQQLLRQV                      LHPEASRKNLV                      LPDMFFSFYDLRREFHMQHPSTCPARDLTVATMAQGLGL                      ETDATEDDFGV                      WEVKTMVAVILHLLKEPSSQLFSKPEVIKQKYETGPCSKA                      DVVDSETVVR                      ARGLPWQSSDQDVARFFKGLNVARGGVALCLNAQGRRN                      GEALIRFVDSEQ                      RDLALQRHKHHMGVRYIEVYKATGEEFVKIAGGTSLEVAR                      FLSREDQVIL                      RLRGLPFSAGPTDVLGFLGPECPVTGGTEGLLFVRHPDG                      RPTGDALFALFA                      CEELAQAALRRHKGMLGKRYIELFRSTAAEVQQVLNRYAS                      GPLLPTLTAP                      LLPIPFPLAPGTGRDCVRLRGLPYTATIEDILSFLGEEAADIR                      PHGVHVM                      LNQQGRPSGDAFIQMTSAERALAAAQRCHKKVMKERYVE                      VVPCSTEEMSR                      VLMGGTLGRSGMSPPPCKLPCLSPPTYTTFQATPTLIPTET                      AALYPSSAL                      LPAARVPAAPTPVAYYPGPATQLYLNAYYPSPPVSPPTV                      GYLTTPTAA                      LASAPTSVLSQSGALVRMQGVYPYTAGMKDLLSVFQAYQL                      PADDYTSMPV GDPVRTVLQAPKEWVCL                 </p>
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<b>Amino acids</b>	1 to 717
<b>Tags</b>	GST tag N-Terminus

## Specifications

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Our [Abpromise guarantee](#) covers the use of **ab164177** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Western blot ELISA
<b>Form</b>	Liquid

## Additional notes

## Preparation and Storage

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<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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## General Info

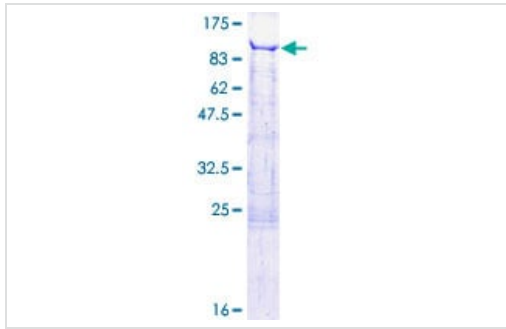
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<b>Function</b>	mRNA splicing factor that regulates the formation of epithelial cell-specific isoforms. Specifically regulates the expression of FGFR2-IIIb, an epithelial cell-specific isoform of FGFR2. Also regulates the splicing of CD44, CTNND1, ENAH, 3 transcripts that undergo changes in splicing during the epithelial-to-mesenchymal transition (EMT). Acts by directly binding specific sequences in mRNAs. Binds the GU-rich sequence motifs in the ISE/ISS-3, a cis-element regulatory region present in the mRNA of FGFR2.
<b>Tissue specificity</b>	Epithelial cell-specific.
<b>Sequence similarities</b>	Belongs to the ESRP family. Contains 3 RRM (RNA recognition motif) domains.
<b>Cellular localization</b>	Nucleus.

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## Images

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ab164177 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human ESRP2 protein  
(ab164177)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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