

Product datasheet

Recombinant Human MEST protein ab116871

1 Image

Description

Product name	Recombinant Human MEST protein
Expression system	Wheat germ
Accession	Q5EB52
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MVRRDRLRRMREWWVQVGLLAVPLLAAYLHIPPPQLSPA LHSWKSSGKFF TYKGLRIFYQDSVGVVGSPEMVLLHGFPTSSYDWYKIWEG LTLRFHRVI ALDFLGFSGFSDKPRPHYSIFEQASIVEALLRHLGLQNRRI NLLSHDYGD VAQELLYRYKQNRSGRLTIKSLCLSNGGIFPETHRPLLLQK LLKDGGVL SPILTRLMNFFVFSRGLTPVFGPYTRPSESELWDMWAGIR NNDGNLVIDS LLQYINQRKKFRRRWVWALASVTIPIHFYGPLDPVNPYPEF LELYRCTL PRSTVSILDDHISHYPQLEDPMGFLNAYMGFINSF</p>
Predicted molecular weight	63 kDa including tags
Amino acids	1 to 335
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab116871** in the following tested applications.

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

Applications	<p>ELISA</p> <p>SDS-PAGE</p> <p>Western blot</p>
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

General Info

Tissue specificity

Highly expressed in hydatidiform moles, but barely expressed in dermoid cysts. Biallelic expression is detected in blood lymphocytes. Seems to be imprinted in an isoform-specific manner rather than in a tissue-specific manner in lymphocytes. Isoform 1 is expressed only from the paternal allele. Isoform 2 is expressed from both the paternal allele and the maternal allele.

Sequence similarities

Belongs to the AB hydrolase superfamily.

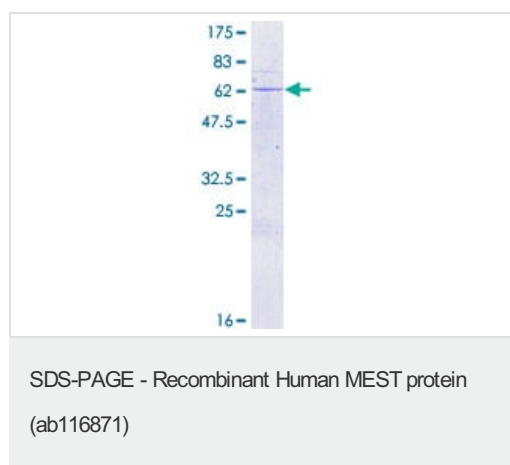
Developmental stage

Monoallelic expression of paternally derived allele was observed in all fetal tissues examined, including brain, skeletal muscle, kidney, adrenal, tongue, heart, skin and placenta. In 75-day fetus, expressed in the amnion, brain, heart, lung, stomach, gut, adrenal, kidney, muscle and liver.

Cellular localization

Endoplasmic reticulum membrane.

Images



12.5% SDS-PAGE gel showing ab116871, at approximately 62.92kDa, stained with Coomassie Blue.

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

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