

Product datasheet

Recombinant Human SAE2 / UBA2 protein ab140416

1 Image

Description

Product name	Recombinant Human SAE2 / UBA2 protein
Purity	> 85 % Densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Accession	Q9UBT2
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MALSRGLPRELAEAVAGGRVLVVGAGGIGCELLKNLVLTG FSHIDLIDLD TIDVSNLNRQFLFQKKHVGRSKAQVAKESVLQFYPKANIV AYHDSIMNPD YNVEFFRQFILVMNALDNRAARNHVNRMCLAADVPLIESG TAGYLGQVTT IKKGVTECYECHKPPTQRTFPGCTIRNTPSEPIHCIVWAKYL FNQLFGEE DADQEVSPDRADPEAAWEPTAEARARASNEDGDIKRIS TKEWAKSTGYD PVKLFTKLFKDDIRYLLTMDKLWRKRKPPVPLDWAEVQS QGEETNASDQQ NEPQLGLKDQQVLDVKSARLFSKSIETLRVHLAEKGDGA ELWDKDDPS AMDFV TSAANLRMHIFSMNMKSRFDIKSMAGNIIPAATTNA VIAGLVL EGLKILSGKIDQCRTIFLNKQPNPRKLLVPCALDPPNPNC YVCASKPEV TVRLNVHKVTVLTLQDKVKEKFAMVAPDVQIEDGKGITILIS SEEGETEA NNHKKLSEFGIRNGSRLQADDLQDYLLINILHSEDLGKD VEFVVGDA PEKVGPKQAEDAAKSITNGSDDGAQPSTSTAQEQQDDVLI VDSDEEDSSNN ADVSEEERSRKRKLDEKENLSAKRSRIEQKEELDDVIALD</p>

Predicted molecular weight	115 kDa including tags
Amino acids	1 to 640
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab140416** in the following tested applications.

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

Applications	Western blot SDS-PAGE
Form	Liquid

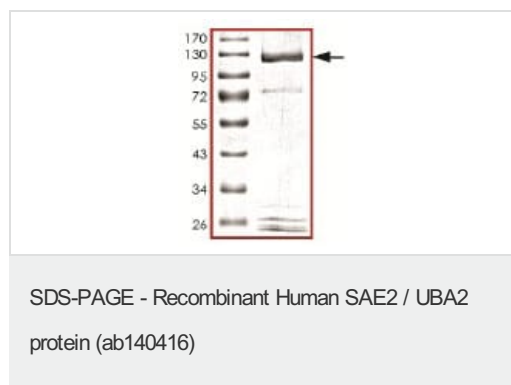
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride
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General Info

Function	The heterodimer acts as a E1 ligase for SUMO1, SUMO2, SUMO3, and probably SUMO4. It mediates ATP-dependent activation of SUMO proteins followed by formation of a thioester bond between a SUMO protein and a conserved active site cysteine residue on UBA2/SAE2.
Pathway	Protein modification; protein sumoylation.
Sequence similarities	Belongs to the ubiquitin-activating E1 family.
Cellular localization	Nucleus.

Images



SDS-PAGE analysis of ab140416.

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

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