

Product datasheet

Recombinant Human EAP30 protein ab128434

1 Image

Description

Product name	Recombinant Human EAP30 protein	
Purity	> 90 % SDS-PAGE. Purified by conventional chromatography techniques.	
Expression system	Escherichia coli	
Accession	Q96H20	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMHRRGV GAGAIKKKL AEAKYKERGT VLAEDQLAQM SKQLDMFKTN LEEFASKHKQ EIRKNPEFRV QFQDMCATIG VDPLASGKGF WSEMLGVGDF YYELGVQIIE VCLALKHRNG GLITLLEELHQ QVLKGRGKFA QDVSQDDLIR AIKKLKALGT GFGIIPVGGT YLIQSVPAEL NMDHTVVLQL AEKNGYVTVS EIKASLKWET ERARQVLEHL LKEGLAWLDL QAPGEAHYWL PALFTDLYSQ EITAEAREA LP	
Predicted molecular weight	31 kDa including tags	
Amino acids	1 to 258	
Tags	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab128434** in the following tested applications.

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

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.03% DTT, 0.32% Tris HCl, 50% Glycerol (glycerin, glycerine), 1.16% Sodium chloride

General Info

Function

Component of the endosomal sorting complex required for transport II (ESCRT-II), which is required for multivesicular body (MVB) formation and sorting of endosomal cargo proteins into MVBs. The MVB pathway mediates delivery of transmembrane proteins into the lumen of the lysosome for degradation. The ESCRT-II complex is probably involved in the recruitment of the ESCRT-III complex. The ESCRT-II complex may also play a role in transcription regulation by participating in derepression of transcription by RNA polymerase II, possibly via its interaction with ELL. Required for degradation of both endocytosed EGF and EGFR, but not for the EGFR ligand-mediated internalization. It is also required for the degradation of CXCR4.

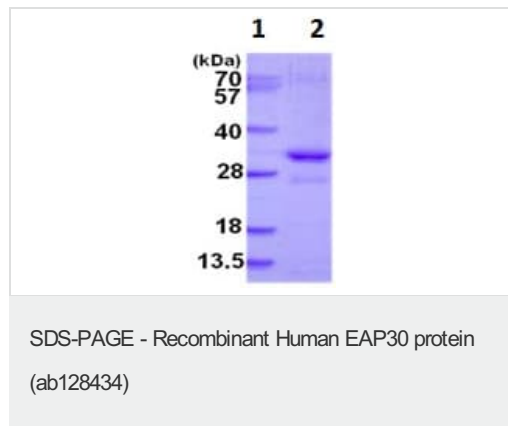
Sequence similarities

Belongs to the SNF8 family.

Cellular localization

Cytoplasm. Endosome membrane. Nucleus. Late endosome membrane. Recruited to the endosome membrane to participate in vesicle formation.

Images



Analysis of ab128434 (Human EAP30 protein) on a 15% SDS-PAGE gel:

Lane 1: MW marker

Lane 2 ab128434 at 3 µg

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