

Datasheet for ABIN755527
SNF8 Protein (AA 1-258) (His tag)



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Overview

Quantity:	1 mg
Target:	SNF8
Protein Characteristics:	AA 1-258
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SNF8 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat SNF8 Protein expressed in mammalian cells.
Sequence:	<p>MHRRGVGAGA IAKKKLAEAK YKERGTVLAE DQLAQMSKQL DMFKTNLEEF ASKHKQEIRK NPEFRVQFQD MCATIGVDPL ASGKGFWSEM LGVGDFYYEL GVQIIEVCLA LKHRNGGLIT LEELHQQVLK GRGKFAQDVS QDDLIRAIKK LKALGTGFGI IPVGGTYLIQ SVPAELNMDH TVVLQLAEKN GYVTVSEIKA SLKWETERAR QVLEHLLKEG LAWLDLQAPG EAHYWLPALF TDLYSQEITA EEAREALP Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and

Product Details

transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

Target Details

Target: SNF8

Alternative Name: SNF8 ([SNF8 Products](#))

Background: Vacuolar-sorting protein SNF8 (ELL-associated protein of 30 kDa) (ESCRT-II complex subunit VPS22) (hVps22),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. Required for the exosomal release of SDCBP, CD63 and syndecan (PubMed:22660413). {ECO:0000269|PubMed:17714434, ECO:0000269|PubMed:17959629, ECO:0000269|PubMed:18031739, ECO:0000269|PubMed:22660413}.

Molecular Weight: 28.9 kDa

UniProt: [Q96H20](#)

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months