Recombinant Human SNF8, ESCRT-II Complex Subunit, Homolog (S. cerevisiae), His-tagged

Cat. No. SNF8-6842H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SNF8 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-258aa
Description	SNF8 is localizes to both the nucleus and the cytoplasm and is a member of the SNF8 family of vacuolar sorting proteins. This protein is subunit of the endosomal sorting complex required for transport II, which is required for multivesicular body formation and sorting of endosomal cargo proteins into MVBs.
Form	Liquid. In 20 mM Tris-HCl buffer, pH8.0, 50% glycerol, 2mM DTT, 200mM NaCl.
Molecular Mass	31.4kDa (282aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMHRRGV GAGAIAKKKL AEAKYKERGT VLAEDQLAQM SKQLDMFKTN LEEFASKHKQ EIRKNPEFRV QFQDMCATIG VDPLASGKGF WSEMLGVGDF YYELGVQIIE VCLALKHRNG GLITLEELHQ QVLKGRGKFA QDVSQDDLIR AIKKLKALGT GFGIIPVGGT YLIQSVPAEL NMDHTVVLQL AEKNGYVTVS EIKASLKWET ERARQVLEHL LKEGLAWLDL QAPGEAHYWL PALFTDLYSQ EITAEEAREA LP

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.25mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	SNF8 SNF8, ESCRT-II complex subunit, homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	SNF8
Synonyms	SNF8; SNF8, ESCRT-II complex subunit, homolog (S. cerevisiae); vacuolar-sorting protein SNF8; Dot3; EAP30; VPS22; hVps22; EAP30 subunit of ELL complex; ESCRT-II complex subunit VPS22; ELL-associated protein of 30 kDa;
Gene ID	11267
mRNA Refseq	NM_007241
Protein Refseq	NP_009172
MIM	610904
UniProt ID	Q96H20
Chromosome Location	17q21.32

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Pathway	ESCRT-II complex, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Endosomal Sorting Complex Required For Transport (ESCRT), organism-specific biosystem; Membrane Trafficking, organism-specific biosystem;
Function	transcription factor binding;

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