

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human SNF8 protein, fused to His-tag at N-terminus, was expressed in <i>E. coli</i> and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	<i>E. coli</i>
<b>ProteinLength</b>	1-258aa
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20 mM Tris-HCl buffer, pH8.0, 50% glycerol, 2mM DTT, 200mM NaCl.
<b>Molecular Mass</b>	31.4kDa (282aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	<p>MGSSHHHHHH SGLVPRGSH MGSMMHRRGV GAGAIKKKL AEAKYKERGT  VLAEDQLAQM SKQLDMFKTN LEEFASKHKQ EIRKNPEFRV QFQDMCATIG  VDPLASGKGF WSEMLGVGDF YYELGVQIIE VCLALKHRNG GLITLEELHQ  QVLKGRGKFA QDVSQDDLIR AIKKLKALGT GFGIIPVGGT YLIQSVPAEL  NMDHTVVLQL AEKNGYVTVS EIKASLKWET ERARQVLEHL LKEGLAWLDL  QAPGEAHYWL PALFTDLYSQ EITAEAREA LP</p>

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<b>Purity</b>	>90% by SDS - PAGE
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	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.
<b>Concentration</b>	0.25mg/ml (determined by Bradford assay)

## GENE INFORMATION

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