Recombinant Human HM13 Protein, GST-tagged

Cat. No. HM13-4855H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HM13 full-length ORF (NP_848697.1, 1 a.a. - 143 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene, which localizes to the endoplasmic reticulum, catalyzes intramembrane proteolysis of some signal peptides after they have been cleaved from a preprotein. This activity is required to generate signal sequence-derived human lymphocyte antigen-E epitopes that are recognized by the immune system, and to process hepatitis C virus core protein. The encoded protein is an integral membrane protein with sequence motifs characteristic of the presenilin-type aspartic proteases. Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq
Molecular Mass	41.80 kDa
AA Sequence	MDSALSDPHNGSAEAGGPTNSTTRPPSTPEGIALAYGSLLLMALLPIFFGALRSVRC ARGKNASDMPETITSRDAARFPIIASCTLLGLYLFFKIFSQEYINLLLSMYFFVLGILALS HTIRSEGISLQHLKQLSREPVQGLG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

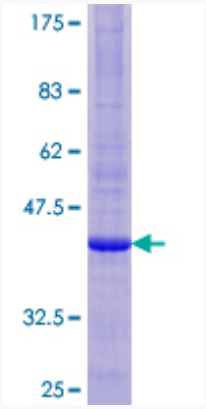
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45-1 Ramsey Road, Shirley, NY 11967, USA

	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HM13 histocompatibility (minor) 13 [Homo sapiens]
Official Symbol	HM13
Synonyms	HM13; histocompatibility (minor) 13; minor histocompatibility antigen H13; dJ324O17.1; H13; IMP1; IMPAS; intramembrane protease; presenilin like protein 3; PSENL3; PSL3; signal peptide peptidase beta; signal peptide peptidase like 1; SPP; SPPL1; IMP-1; hIMP1; intramembrane protease 1; presenilin-like protein 3; minor histocompatibility antigen 13; IMPAS-1; MSTP086;
Gene ID	81502
mRNA Refseq	NM_030789
Protein Refseq	NP_110416
MIM	607106
UniProt ID	Q8TCT9

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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