

Membrane-bound transcription factor site-1 protease (MBTPS1), partial Recombinant Protein | MBTPS1 recombinant protein

Recombinant Human Membrane-bound transcription factor site-1 protease (MBTPS1), partial

CATALOG # AAA117485	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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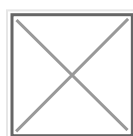
PRODUCT SYNONYMS

Membrane-bound transcription factor site-1 protease (MBTPS1); partial; Recombinant Human Membrane-bound transcription factor site-1 protease (MBTPS1); Membrane-bound transcription factor site-1 protease; EC=3.4.21.112; Endopeptidase S1P; Subtilisin/kexin-isozyme 1; SKI-1; MBTPS1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	218-414aa; Partial
Sequence	DTGLSEKHPH FKNVKERTNW TNERTLDDGL GHGTFVAGVI ASMRECQGFA PDAELHIFRV FTNNQVSYTS WFLDAFNIAI LKKIDVLNLS IGGPDFMDHP FVDKVVWELTA NNVIMVSAIG NDGPLYGTIN NPADQMDVIG VGGIDFEDNI ARFSSRGMTT WELPGGYGRM KPDIVTYGAG VRGSGVKGGC RALSGTS
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MBTPS1 recombinant protein	Serine protease that catalyzes the first step in the proteolytic activation of the sterol regulatory element-binding proteins (SREBPs). Other known substrates are BDNF, GNPTAB and ATF6. Cleaves after hydrophobic or small residues, provided that Arg or Lys is in position P4. Cleaves known substrates after Arg-Ser-Val-Leu (SERBP-2), Arg-His-Leu-Leu (ATF6), Arg-Gly-Leu-Thr (BDNF) and its own propeptide after Arg-Arg-Leu-Leu. Mediates the protein cleavage of GNPTAB into subunit alpha and beta, thereby participating in biogenesis of lysosomes.
Product Categories/Family for MBTPS1 recombinant protein	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506775
NCBI GeneID	8720

NCBI Accession #	NP_003782.1
NCBI GenBank Nucleotide #	NM_003791.3
UniProt Accession #	Q14703 ; Q24JQ2 ; Q9UF67 ; A8K6V8
Molecular Weight	37.5 kDa
NCBI Official Full Name	membrane-bound transcription factor site-1 protease preproprotein
NCBI Official Synonym Full Names	membrane-bound transcription factor peptidase, site 1
NCBI Official Symbol	MBTPS1
NCBI Official Synonym Symbols	S1P; PCSK8; SKI-1
NCBI Protein Information	membrane-bound transcription factor site-1 protease; endopeptidase S1P; subtilisin/kexin isozyme-1; proprotein convertase subtilisin/kexin type 8
UniProt Protein Name	Membrane-bound transcription factor site-1 protease
UniProt Gene Name	MBTPS1
UniProt Synonym Gene Names	KIAA0091; S1P; SKI1; SKI-1
UniProt Entry Name	MBTP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mbtps1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117485>