Serine Protease 28 (PRSS28) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Serine protease 28 (Prss28), Recombinant Protein
Full Product Name	Recombinant Mouse Serine protease 28 (Prss28)
Product Gene Name	Prss28 recombinant protein
Product Synonym Gene Name	Prss28
Sequence	KPVGIVGGQR TPPGKWPWQV SLRMYSYEVN SWVHICGGSI IHPQWILTAA HCIQSQDADP AVYRVQVGEV YLYKEQELLN ISRIIIHPDY NDVSKRFDLA LMQLTALLVT STNVSPVSLP KDSSTFDSTD QCWLVGWGNL LQRVPLQPPY QLHEVKIPIQ DNKSCKRAYR KKSSDEHKAV AIFDDMLCAG TSGRGPCFGD SGGPLVCWKS NKWIQVGVVS KGIDCSNNLP SIFSRVQSSL AWIHQHIQ
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	30,628 Da
Sequence Positions	27-274, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q924N9
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Prss28 recombinant protein	MBS1350490 is a recombinant protein targeting Prss28. Also known as Recombinant Mouse Serine protease 28 (Prss28). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Prss28 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Prss28. It may not necessarily be applicable to this product.

NCBI GI #	115299758
NCBI GeneID	114661
NCBI Accession #	NP_444489.2
UniProt Primary Accession #	Q924N9
UniProt Secondary Accession #	Q3UN30

UniProt Related Accession #	Q924N9
GenBank Nucleotide #	NM_053259.2
NCBI Official Full Name	serine protease 28
NCBI Official Synonym Full Names	protease, serine 28
NCBI Official Symbol	Prss28
NCBI Official Synonym Symbols	Isp1; mIsp-1
UniProt Protein Name	Serine protease 28
UniProt Synonym Protein Names	Implantation serine proteinase 1; ISP-1; Strypsin; Tryptase-like proteinase
Protein Family	Serine protease
UniProt Gene Name	Prss28
UniProt Synonym Gene Names	Isp1; ISP-1
NCBI Protein Information	serine protease 28
UniProt Comments for Prss28	Involved in embryo hatching and implantation.
Research Articles on Prss28	**1.** Hypothyroidism induces a significant reduction of proteases Isp1 and Isp2 gene expressions and Notch signaling.
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