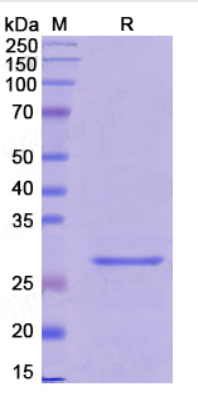
PRSS33 Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	PRSS33, Recombinant Protein
Full Product Name	Recombinant Human PRSS33, N-His
Product Gene Name	PRSS33 recombinant protein
Product Synonym Names	PRSS33; Serine protease 33; Serine protease EOS
Host	E coli
Form/Format	Lyophilized from a solution in PBS pH7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Purity/Purification	>90% as determined by SDS-PAGE
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt.
Molecular Weight	29,787 Da
Sequence Positions	Ile37-Ser279
Chromosome Location	Chromosome: 16; NC_000016.9 (2833954..2836708, complement). Location: 16p13.3
OMIM	613797
3D Structure	ModBase 3D Structure for Q8NF86
Species	Human
Reconstitution	Reconstitute in sterile water for a stock solution.
Product Categories/Family for PRSS33 recombinant protein	Recombinant Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for PRSS33 recombinant protein	SDS-PAGE (SDS), Western Blot (WB), ELISA (EIA), Immunogen
Related Product Information for PRSS33 recombinant protein	MBS1575022 is a recombinant protein targeting PRSS33. Also known as Recombinant Human PRSS33, N-His. Host: E coli.
Other Notes	Small volumes of PRSS33 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.



SDS-Page of PRSS33 recombinant protein
SDS PAGE for recombinant Human PRSS33 protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PRSS33. It may not necessarily be applicable to this product.

NCBI GI #	117956391
NCBI GeneID	260429
NCBI Accession #	NP_690851.2
UniProt Primary Accession #	Q8NF86
UniProt Secondary Accession #	Q8N171; A6NNQ3
UniProt Related Accession #	Q8NF86
GenBank Nucleotide #	NM_152891.2
NCBI Official Full Name	serine protease 33
NCBI Official Synonym Full Names	protease, serine, 33
NCBI Official Symbol	PRSS33
NCBI Official Synonym Symbols	EOS
UniProt Protein Name	Serine protease 33
UniProt Synonym Protein Names	Serine protease EOS
Protein Family	Serine protease
UniProt Gene Name	PRSS33
UniProt Entry Name	PRS33_HUMAN
NCBI Protein Information	serine protease 33; serine protease EOS
UniProt Comments for PRSS33	PRSS33: Serine protease that has amidolytic activity, cleaving its substrates before Arg residues. Belongs to the peptidase S1 family. Protein type: Protease; EC 3.4.21.-; Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 16p13.3 Cellular Component: extracellular space Molecular Function: serine-type endopeptidase activity Biological Process: proteolysis

Research Articles on PRSS33	**1.** highly expressed in spleen and moderately expressed in intestine, colon, lung and brain
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