

Recombinant Human TMPRSS4, MYC/DDK-tagged

Cat. No. TMPRSS4-3839H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMPRSS4, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the serine protease family. Serine proteases are known to be involved in a variety of biological processes, whose malfunction often leads to human diseases and disorders. This gene was identified as a gene overexpressed in pancreatic carcinoma. The encoded protein is membrane bound with a N-terminal anchor sequence and a glycosylated extracellular region containing the serine protease domain. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	48 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Concentration	>50 ug/mL as determined by microplate BCA method.
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	TMPRSS4 transmembrane protease, serine 4 [Homo sapiens (human)]
Official Symbol	TMPRSS4
Synonyms	TMPRSS4; CAPH2; MT-SP2; TMPRSS3; transmembrane protease, serine 4; transmembrane protease serine 4; channel-activating protease 2; membrane-type serine protease 2; transmembrane serine protease 3; type II membrane serine protease
Gene ID	56649
mRNA Refseq	NM_019894
Protein Refseq	NP_063947
MIM	606565
UniProt ID	Q9NRS4
Chromosome Location	11q23.3
Pathway	Influenza A
Function	scavenger receptor activity; serine-type endopeptidase activity