

## 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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<b>Gene Name</b>	TMPRSS4 transmembrane protease, serine 4 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TMPRSS4
<b>Synonyms</b>	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
<b>Gene ID</b>	56649
<b>mRNA Refseq</b>	NM_019894
<b>Protein Refseq</b>	NP_063947
<b>MIM</b>	606565
<b>UniProt ID</b>	Q9NRS4
<b>Chromosome Location</b>	11q23.3
<b>Pathway</b>	Influenza A
<b>Function</b>	scavenger receptor activity; serine-type endopeptidase activity

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