

Product datasheet for TP522468

Prss55 (NM_001081063) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protease, serine 55 (Prss55), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222468 protein sequence Red =Cloning site Green =Tags(s)

MILPSILLLLVAHTLEANVECGVRPLYDSRIQYSRIIEGQEAELGFPWQVSIQESDHHFCGGSILSEWWI
LTVAHCFYAQELSPTDLRVRVGTNDLTTSPVELEVTTIIRHKGFKRLNMDNDIALLLAKPLAFNELTVP
ICLPLWPAPPSWHECWAGWGVTNSTDKESMSTDLMKVPMRIIEWEECLQMFPSTTNMLCASYGNESYD
ACQGDSSGGLVCTTDPGSRWYQVGIISWGKSCGKKGFPGIYTVLAKYTLWIEKIAQTEGKPLDFRGQSSS
NKKKNRQNNQLSKSPALNCPQSWLLPCLLSFALLRALS NWK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	36.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001074532
Locus ID:	71037
UniProt ID:	Q14BX2



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RefSeq Size: 1015

Cytogenetics: 14 D1

RefSeq ORF: 966

Synonyms: 4933401F05Rik

Summary: Probable serine protease, which plays a crucial role in the fertility of male mice including sperm migration and sperm-egg interaction (PubMed:30032357).[UniProtKB/Swiss-Prot Function]