

Recombinant mouse Transmembrane protease serine

4

Catalog No: #AP71447

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Package Size: #AP71447-1 20ug #AP71447-2 100ug #AP71447-3 1mg

Description

Product Name	Recombinant mouse Transmembrane protease serine 4
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:52-435aaSequence Info:Extracellular Domain
Other Names	Channel-activating protease 2 ;mCAP2
Accession No.	Q8VCA5
Uniprot	Q8VCA5
GeneID	214523;
Calculated MW	57.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	KVILDKYYFIGGSPLTFIQRGQLCDGHLDCAAGDEEHCVKDFPEKPGVAVRLSKDRSTLQVLDAATGTWASV CFDNFTEALAKTACRQMGYDSQPAFRAVEIRPDQNLPAVQVTGNSQELQVQNGSRSCLSGSLVSLRCLDCG KSLKTPRVVGGVEAPVDSWPWQVSIQYNKQHVCSSILDPHWILTAHCFRKYLDVSSWKVRAGSNILGNP SLPVAKIFIAEPNPLYPKKDIALVKLQMPLTFSGSVRPICLPFSDEVLPATPVVWVIGWGFTEENGGKMSDMLL QASVQVIDSTRCNAEDAYEGETAEMLCAGTPQGGKDTCCGDSGGPLMYHSDKWQVVGIVSWGHCGGP STPGVYTKVTAYLNWIYNVRKSEM
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Probable protease. Ses to be capable of activating ENaC.

References

Synergistic activation of ENaC by three membrane-bound channel-activating serine proteases (mCAP1, mCAP2, and mCAP3) and serum- and glucocorticoid-regulated kinase (Sgk1) in *Xenopus* oocytes.Vuagniaux G., Vallet V., Jaeger N.F., Hummler E., Rossier B.C.J. Gen. Physiol. 120:191-201(2002)Research Topic:Others

Note: This product is for in vitro research use only