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Datasheet for ABIN1643709

TMPRSS11D Protein (AA 39-417) (His tag)

Overview

Quantity:	1 mg
Target:	TMPRSS11D
Protein Characteristics:	AA 39-417
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMPRSS11D protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	HF LAFDKRAYFY HSNFHILNVD YTEALNSPAT HEYRTLSERI ESMITDAFRE SNLRSEFIRT HVVKLRKEGS GVVADVVMKF RSSKRNNKKA IKTRIQSVLQ RLSSSGNLEI APSNGITSLT DQDTENVLTQ ECGARPDIT LSEERIIGGT QAETGDWPWQ VSLQLNNVHH CGGTLISNLW VLTAHCFRS YSNPQQWTAT FGVSTISPRL RVRVRILAH AEYNSITRDN DIAVVQLDRP VTFTRNIHRV CLPAATQNIM PDSVAYVTGW GSLTYGGNTV TNLQQGEVRI VSSEVCNEPA GYGGSVLPGM LCAGVRSGAV DACQGDSGGP LVQEDTRRLW FVVGIVSWG YQCGLPNKPGV YTRVTAYRNW IRQQTGI
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	TMPRSS11D
Alternative Name:	Transmembrane protease serine 11D (Tmprss11d) (TMPRSS11D Products)
Background:	<p>Recommended name: Transmembrane protease serine 11D.</p> <p>EC= 3.4.21.-.</p> <p>Alternative name(s): Adrenal secretory serine protease.</p> <p>Short name= AsP Airway trypsin-like protease.</p> <p>Short name= AT Cleaved into the following 2 chains: 1.</p> <p>Transmembrane protease serine 11D non-catalytic chain 2.</p> <p>Transmembrane protease serine 11D catalytic chain</p>
UniProt:	Q8VHJ4
Pathways:	Positive Regulation of Peptide Hormone Secretion , Regulation of Carbohydrate Metabolic Process

Application Details

Comment:	<p>The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.