Best Tools for immunology Research

Total TMPRSS3 Cell-Based Colorimetric ELISA Kit

Catalog No :	KA3653C
Reactivity :	Human;Mouse
Applications :	ELISA
Gene Name :	TMPRSS3
Human Gene Id :	64699
Human Swiss Prot No :	P57727
Mouse Swiss Prot No :	Q8K1T0
Storage Stability :	2-8°C/6 months
Detection Method :	Colorimetric
Background :	disease:Defects in TMPRSS3 are a cause of non-syndromic sensorineural deafness autosomal recessive type 10 (DFNB10) [MIM:605316].,disease:Defects in TMPRSS3 are the cause of non-syndromic sensorineural deafness autosomal recessive type 8 (DFNB8) [MIM:601072]. DFNA8 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information.,function:Probable protease. Seems to be capable of activating ENaC.,PTM:Undergoes autoproteolytic activation.,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 LDL-receptor class A domain.,similarity:Contains 1 peptidase S1 domain.,similarity:Contains 1 SRCR domain.,tissue specificity:Expressed in many tissues including fetal cochlea. Isoform T is found at increased levels in some carcinomas.,
Function :	proteolysis, cellular ion homeostasis, cellular metal ion homeostasis, cellular sodium ion homeostasis, cellular homeostasis, cellular cation homeostasis, cellular monovalent inorganic cation homeostasis, homeostatic process,chemical homeostasis, ion homeostasis, metal ion homeostasis, monovalent inorganic cation homeostasis, sodium ion homeostasis, cation homeostasis, cellular chemical homeostasis,
Subcellular Location :	Endoplasmic reticulum membrane ; Single-pass type II membrane protein .

Expression :	Expressed in many tissues including fetal cochlea. Isoform T is found at increased levels in some carcinomas.

Products Images