



Human TMPRSS3 blocking peptide (CDBP3010)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-TMPRSS3 antibody
Antigen Description	This gene encodes a protein that belongs to the serine protease family. The encoded protein contains a serine protease domain, a transmembrane domain, an LDL receptor-like domain, and a scavenger receptor cysteine-rich domain. 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 by its association with both congenital and childhood onset autosomal recessive deafness. This gene is expressed in fetal cochlea and many other tissues, and is thought to be involved in the development and maintenance of the inner ear or the contents of the perilymph and endolymph. This gene was also identified as a tumor-associated gene that is overexpressed in ovarian tumors. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2012]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	TMPRSS3 transmembrane protease, serine 3 [Homo sapiens]
Official Symbol	TMPRSS3
Synonyms	TMPRSS3; transmembrane protease, serine 3; DFNB8, DFNB10; transmembrane protease serine 3; serine protease TADG-12; tumor-associated differentially-expressed gene 12 protein; DFNB8; DFNB10; ECHOS1; TADG12;
Entrez Gene ID	64699
mRNA Refseq	NM_001256317
Protein Refseq	NP_001243246
UniProt ID	P57727
Chromosome Location	21q22.3
Function	peptidase activity; scavenger receptor activity; serine-type endopeptidase activity; sodium channel regulator activity;
