



ST14 peptide (DAG-P1964)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is an epithelial-derived, integral membrane serine protease. This protease forms a complex with the Kunitz-type serine protease inhibitor, HAI-1, and is found to be activated by sphingosine 1-phosphate. This protease has been shown to cleave and activate hepatocyte growth factor/scattering factor, and urokinase plasminogen activator, which suggest the function of this protease as an epithelial membrane activator for other proteases and latent growth factors. The expression of this protease has been associated with breast, colon, prostate, and ovarian tumors, which implicates its role in cancer invasion, and metastasis. [provided by RefSeq, Jul 2008]
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA, WB
Sequence Similarities	Belongs to the peptidase S1 family. Contains 2 CUB domains. Contains 4 LDL-receptor class A domains. Contains 1 peptidase S1 domain.
Format	Liquid
Buffer	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

GENE INFORMATION

Gene Name	ST14 suppression of tumorigenicity 14 (colon carcinoma) [Homo sapiens (human)]
Official Symbol	ST14
Synonyms	ST14; suppression of tumorigenicity 14 (colon carcinoma); HAI; MTSP1; SNC19; ARCI11; MT-SP1; PRSS14; TADG15; TMPRSS14; suppressor of tumorigenicity 14 protein; prostamin; serine protease 14; serine protease TADG-15; membrane-type serine protease 1; tumor associated differentially expressed gene 15 protein; tumor-associated differentially-expressed gene 15 protein; suppression of tumorigenicity 14 (colon carcinoma, matriptase, epithin);
Entrez Gene ID	6768
mRNA Refseq	NM_021978.3
Protein Refseq	NP_068813.1
UniProt ID	Q9Y5Y6
Chromosome Location	11q24-q25
Pathway	MicroRNAs in cancer, organism-specific biosystem; MicroRNAs in cancer, conserved biosystem;
Function	serine-type endopeptidase activity; serine-type peptidase activity;
