

Active Recombinant Human ST14 Protein, Met & His-tagged

Cat. No. ST14-742H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ST14 (Accession # NP_068813) Gly596-Val855, fused with an N-terminal Met and 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly596-Val855
Predicted N Terminal	Val615
Form	Supplied as a 0.2 µ filtered solution in Tris-HCl and Glycerol.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate Boc-QAR-AMC. The specific activity is >10,000 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Human ST14, Met & His-tagged has a calculated MW of 26 kDa; Other fragments of 19 kDa, 17 kDa, 9 kDa and 6 kDa are also observed in the recombinant protein preparation.. In SDS-PAGE migrates as 27 kDa (major), 20 kDa, 17 kDa, 10 kDa, 6.5 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name	ST14 suppression of tumorigenicity 14 (colon carcinoma) [Homo sapiens]
Official Symbol	ST14
Synonyms	ST14; suppression of tumorigenicity 14 (colon carcinoma); PRSS14; suppressor of tumorigenicity 14 protein; epithin; HAI; matriptase; MT SP1; SNC19; TMPRSS14; 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); MTSP1; MT-SP1; TADG15;
Gene ID	6768
mRNA Refseq	NM_021978
Protein Refseq	NP_068813
MIM	606797
UniProt ID	Q9Y5Y6
Chromosome Location	11q24-q25

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