

Active Recombinant Human ST14 Protein

Cat. No. ST14-10H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ST14 Protein(Q9Y5Y6) (Val615-Val855) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	615-855 aa
Form	Supplied as sterile PBS.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate Boc-QAR-AMC. The specific activity is >15,000 pmol/min/μg, as measured under the described conditions.
Molecular Mass	The recombinant Human ST14 consists of 253 amino acids and predicts a molecular mass of 27.99 kDa. It migrates as an approximately 28.3 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.1-1.0 mg/mL

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

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