

Active Recombinant Mouse St14 Protein, Met & His-tagged

Cat. No. St14-653M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse St14 (Accession # NP_035306) Gly596-Val855, fused with an N-terminal Met and 6-His tag, was produced in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gly596-Val855
Predicted N Terminal	Met & Val615
Form	Supplied as a 0.2 µ filtered solution in Tris and Glycerol.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate Boc-QAR-AMC. The specific activity is >4,000 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Mouse St14, Met & His-tagged has a calculated MW of 3 kDa & 26 kDa. In SDS-PAGE migrates as 28 kDa, reducing conditions.
Purity	>75%, 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 lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution

Reconstitute at 25 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION
Gene Name

St14 suppression of tumorigenicity 14 (colon carcinoma) [Mus musculus]

Official Symbol

St14

Synonyms

ST14; suppression of tumorigenicity 14 (colon carcinoma); suppressor of tumorigenicity 14 protein homolog; matriptase/MT-SP1; serine protease 14; protease, serine, 14 (epithin); mCAP3; MT-SP1; Prss14; Epithin; Tmprss14; matriptase;

Gene ID

19143

mRNA Refseq

NM_011176

Protein Refseq

NP_035306

MIM

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