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Datasheet for ABIN7505189

ST14 Protein (AA 571-855) (His tag)

Overview

Quantity:	100 µg
Target:	ST14
Protein Characteristics:	AA 571-855
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ST14 protein is labelled with His tag.

Product Details

Sequence:	Thr 571-Val 855
Characteristics:	A DNA sequence encoding the Human ST14/Matriptase protein (Q9Y5Y6) (Thr 571-Val 855) was expressed with N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	ST14
Alternative Name:	ST14 (ST14 Products)
Background:	Background: Degrades extracellular matrix. Proposed to play a role in breast cancer invasion and metastasis. Exhibits trypsin-like activity as defined by cleavage of synthetic substrates with Arg or Lys as the P1 site. Defects in ST14 are a cause of ichthyosis autosom Synonym: Epithin, HAI, Membrane type serine protease 1, MTSP1, Prostamin, PRSS14, Serine

Target Details

	protease 14,SNC19,ST14,TADG15,TMPRSS14
Molecular Weight:	31.24 kDa
UniProt:	Q9Y5Y6

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months