

PCSK1N, 34-260aa, Human, His tag, E.coli

Cat.NO.: TP03312

3th Edition

Synonyms:ProSAAS precursor, Proprotein convertase subtilisin/kexin type 1 inhibitor, PROSAAS; SAAS

Description:Members of the subtilisin-like proprotein convertase family process latent precursor proteins into their biologically active products. PCSK1N functions as an inhibitor of prohormone convertase 1, which regulates the proteolytic cleavage of neuroendocrine peptide precursors. Recombinant human PCSK1N protein, fused to His-tag at N-terminus, was expressed in E.coli .

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing , 10% glycerol, 0.4M Urea

Molecular Weight:26.6kDa (251aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMARPVKEPRGLSAASPPLAETGAPRRFRRSVPRGEAAGAVQELARALAHLL
EAERQERARAEAEQAEEDQQARVLAQLLRVWGAPRNSDPALGLDDDPDAPAAQLARALLRARLDPAAALAAQLVPAP
VPAAALRPRPPVYDDGPAGPDAAEEAGDETPDVDPPELLRYLLGRILAGSADSEGVAAPRRLRRAADHDVGSSELPPE
GVLGALLRVKRLETPAPQVPARRLLPP

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.