

RCN3, 21-328aa, Human, His tag, E.coli

Cat.NO.: TP03706

3th Edition

Synonyms:Reticulocalbin 3, RLP49.

Description:Reticulocalbin 3, also known as RCN3, is a member of the CREC (cab45/reticulocalbin/ERC45/calumenin) family. RCN3 contains five Arg-Xaa-Xaa-Arg motifs, which function as target sequences of SPCs (subtilisin-like proprotein convertases), a family of serine endoproteases that proteolytically activate proproteins. The synthesis of one such member, PACE4 (paired basic amino acid cleaving enzyme 4), is influenced by association and coexpression with reticulocalbin-3.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

Molecular Weight:37.9 kDa (333aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMKPSPDAGPHGQGRVHQAAPLSDAPHDDAHGNFQYDHEAFLGREVAKE
FDQLTPEESQARLGRIVDRMDRAGDGDGWVSLAELRAWIAHTQQRHIRDSVSAAWDTYDTRDGRVGEELRNA
TYGHYAPGEEFHDVEDAETYKKMLARDERRFRVADQDGDSMATREELTAFLHPEEFPHMRDIVIAETLEDLDRNKD
GYVQVEEYIADLYSAEPGEEPAWVQTERQQFRDFRDLNKGHLDGSEVGHWWLPPAQDQPLVEANHLLHESDT
DKDGRLSKAEILGNWNMFVGSQATNYGEDLTRHHDEL

Purity:> 95% by HPLC

Concentration:1 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.