

RCN2, 26-317aa, Human, His tag, E.coli

Cat.NO.: TP03705

3th Edition

Synonyms:Reticulocalbin-2, E6BP, ERC55

Description:RCN2, also known as reticulocalbin-2, is belongs to the CREC protein family. RCN2 is a calciumbinding protein located in the lumen of the ER. This protein contains six conserved regions with similarity to a high affinity Ca(+2)-binding motif, the EF-hand. Recombinant human RCN2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT

Molecular Weight:36.8 kDa (313aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Sequences:

MGSSHHHHHSSGLVPRGSHMEELHYPLGERRSDYDREALLGVQEDVDEYVKLGHEEQKRLQAIKKIDLDSDG
FLTESELSSWIQMSFKHYAMQEAKQQFVEYDKNSDDTVTWDEYNIQMYDRVIDFDENTALDDAEEESFRKLHLKDK
KRFEKANQDSGPGLSLEEFIAFEHPPEVDYMTFVVIQEALEEHDKNGDGFVSLEEF LGDYRWDPTANEDPEWILVE
KDRFVNDYDKDNDGRLDPQELLPWVVPNNQGIAQEEALHLIDEMDLNGDKKLSEEEILENPDFLTSEATDYGRQL
HDDYFYHDEL

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.