

Recombinant Human Reticulocalbin 3/RCN3 Protein (aa 21-328, His Tag)



Catalog Number:PKSH033292

Note: Centrifuge before opening to ensure complete recovery of vial contents.

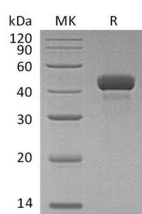
Description

Synonyms	Reticulocalbin-3;EF-Hand Calcium-Binding Protein RLP49;RCN3
Species	Human
Expression Host	HEK293 Cells
Sequence	Lys21-Leu328
Accession	Q96D15
Calculated Molecular Weight	36.2 kDa
Observed molecular weight	43 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM DTT, 10% Glycerol, pH 7.4.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Reticulocalbin-3 is a member of the CREC family that is involved in the secretory pathway. Members of the CREC family consist of a number of multiple EF-hand domains. Reticulocalbin-3 localizes to the endoplasmic reticulum lumen. The bioinformatic analysis of Reticulocalbin-3 reveal that it is a putative Ca²⁺-binding protein. In addition; it has been shown that autoactivation and secretion of PACE4 was increased upon co-expression with Reticulocalbin-3. The proPACE4-RCN-3 complex is plays an important role in the biosynthesis of PACE4.

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