

## Product datasheet for **TP726986**

### Reticulocalbin 3 (RCN3) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Reticulocalbin-3/RCN3 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Lys21-Leu328
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM DTT, 10% Glycerol, pH 7.4.
Note:	Recombinant Human Reticulocalbin-3 is produced by our Mammalian expression system and the target gene encoding Lys21-Leu328 is expressed with a 6His tag at the C-terminus.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	57333
UniProt ID:	<a href="#">Q96D15</a>
Synonyms:	Reticulocalbin-3; EF-Hand Calcium-Binding Protein RLP49; RCN3
Summary:	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 Ca <sup>2+</sup> -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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