SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Recombinant Protocadherin Beta 15 (PCDHb15)

Catalog Number: SIPE493Hu01 **Spec: 100ug**

Product Name	Recombinant Protocadherin Beta 15 (PCDHb15)
Catalog Number	SIPE493Hu01
Organism Species	Human
Residues	Val35~Leu347
Tags	Two N-terminal Tags, His-tag and T7-tag
Accession	Q9Y5E8
Host	E. coli
Subcellular Location	Cell membrane; Single-pass type I membrane protein.
Purity	>95%
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method).
Formulation	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Predicted isoelectric point	4.5
Predicted Molecular Mass	38.2kDa
Applications	SDS-PAGE; WB; ELISA; IP. (May be suitable for use in other assays to be determined by the end user.)

[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8oC for one month.

Aliquot and store at -80oC for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37oC for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological

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Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below. VMEETE RGSFVANLAN DLGLGVGELA ERGARVVSED NEQGLQLDLQ TGQLILNEKL DREKLCGPTE PCIMHFQVLL KKPLEVFRAE LLVTDINDHS PEFPEREMTL KIPETSSLGT VFPLKKARDL DVGSNNVQNY NISPNSHFHV STRTRGDGRK YPELVLDTEL DREEQAELRL TLTAVDGGSP PRSGTVQILI LVLDANDNAP EFVQALYEVQ VPENSPVGSL VVKVSARDLD TGTNGEISYS LYYSSQEIDK PFELSSLSGE IRLIKKLDFE TMSSYDLDIE ASDGGGLSGK CSVSVKVLDV NDNFPEL