Recombinant Human GNB2L1, His-tagged

Cat. No. GNB2L1-30327TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RACK1 protein with an N terminal His tag. Observed MWt: 37kDa.
Species	Human
Source	E.coli
Description	Seems to bind protein kinase C acting as an intracellular receptor to anchor the activated PKC to the cytoskeleton. May be involved in up-regulation of the activity of kinases such as PKC via binding to KRT1.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 87 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MTEQMTLRGTLKGHNGWVTQIATTPQFPDMILSASRDKTI IMWKLTRDETNYGIPQR ALRGHSHFVSDVVISSDGQFA LSGSWDGTLRLWDLTTGTTTRRFVGHTKDVLSVAF SSDNRQIVSGSRDKTIKLWNTLGVCKYTVQDESHSEWVSCVRF SPNSSNPIIVSCG WDKLVKVWNLANCKLKTNHIGHTGY LNTVTVSPDGSLCASGGKDGQAMLWDLNE GKHLYTLDGGD IINALCFSPNRYWLCAATGPSIKIWDLEGKIIVDELKQ EVISTSSKA

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	EPPQCTSLAWSADGQTLFAGYTDNLVRVW QVTIGTR
Sequence Similarities	Belongs to the WD repeat G protein beta family.Contains 7 WD repeats.
Full Length	Full L.

GENE INFORMATION

Gene Name	GNB2L1 guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1 [Homo sapiens]
Official Symbol	GNB2L1
Synonyms	GNB2L1; guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1; guanine nucleotide-binding protein subunit beta-2-like 1; Gnb2 rs1; H12.3; RACK1; Receptor for Activated C Kinase 1;
Gene ID	10399
mRNA Refseq	NM_006098
Protein Refseq	NP_006089
MIM	176981
Uniprot ID	P63244
Chromosome Location	5q35.3
Pathway	CXCR4-mediated signaling events, organism-specific biosystem; Hypoxic and oxygen

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	homeostasis regulation of HIF-1-alpha, organism-specific biosystem; IGF1 pathway, organism-specific biosystem; IL-2 Signaling Pathway, organism-specific biosystem; IL-3 Signaling Pathway, organism-specific biosystem;
Function	SH2 domain binding; ion channel inhibitor activity; protein binding; protein kinase C binding; protein phosphatase binding;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA