

Recombinant Human CRB1 Protein, GST-tagged

Cat. No. CRB1-1835H **Lot. No.** (See product label)

SPECIFICATION

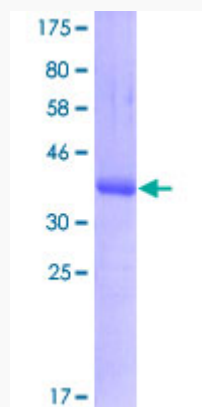
Product Overview	Human CRB1 partial ORF (NP_036208, 26 a.a. - 134 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein which is similar to the Drosophila crumbs protein and localizes to the inner segment of mammalian photoreceptors. In Drosophila crumbs localizes to the stalk of the fly photoreceptor and may be a component of the molecular scaffold that controls proper development of polarity in the eye. Mutations in this gene are associated with a severe form of retinitis pigmentosa, RP12, and with Leber congenital amaurosis. Alternate splicing results in multiple transcript variants, some protein coding and some non-protein coding.[provided by RefSeq, Apr 2012]
Molecular Mass	37.73 kDa
AA Sequence	FCNKNNTRCLSNSCQNNSTCKDFSKDNDSCSDTANNLDKDCDNMKDPCFSNPC QGSATCVNTPGERSFLCKCPPGYSGTICETTIGSCGKNSCQHGGICHQDPIYPVC
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

 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

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CRB1 crumbs 1, cell polarity complex component [Homo sapiens (human)]
Official Symbol	CRB1
Synonyms	CRB1; crumbs 1, cell polarity complex component; Crumbs 1, Cell Polarity Complex Component; Crumbs Family Member 1, Photoreceptor Morphogenesis Associated; Crumbs (Drosophila) Homolog 1; Crumbs Homolog 1 (Drosophila); Protein Crumbs Homolog 1; LCA8; RP12; protein crumbs homolog 1; crumbs family member 1, photoreceptor morphogenesis associated
Gene ID	23418
mRNA Refseq	NM_001193640
Protein Refseq	NP_001180569
MIM	604210
UniProt ID	P82279

Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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