

Recombinant Human RRBP1 Protein, MYC/DDK-tagged

Cat. No. RRBP1-1964H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant human RRBP1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293

Species Human

Source HEK293

Description This gene encodes a ribosome-binding protein of the endoplasmic reticulum (ER) membrane. Studies suggest that this gene plays a role in ER proliferation, secretory pathways and secretory cell differentiation, and mediation of ER-microtubule interactions. Alternative splicing has been observed and protein isoforms are characterized by regions of N-terminal decapeptide and C-terminal heptad repeats. Splicing of the tandem repeats results in variations in ribosome-binding affinity and secretory function. The full-length nature of variants which differ in repeat length has not been determined. Pseudogenes of this gene have been identified on chromosomes 3 and 7, and RRBP1 has been excluded as a candidate gene in the cause of Alagille syndrome, the result of a mutation in a nearby gene on chromosome 20p12. [provided by RefSeq, Apr 2012]

Form 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass 108.5 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name [RRBP1 ribosome binding protein 1 homolog 180kDa \(dog\) \[Homo sapiens \]](#)

Official Symbol [RRBP1](#)

Synonyms ES/130; ES130; hES; RRp

Gene ID [6238](#)

mRNA Refseq [NM_001042576](#)

Protein Refseq [NP_001036041](#)

MIM [601418](#)

UniProt ID [Q9P2E9](#)

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