

Recombinant Human REPS2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. REPS2-6265H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	REPS2 MS Standard C13 and N15-labeled recombinant protein (NP_001074444) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The product of this gene is part of a protein complex that regulates the endocytosis of growth factor receptors. The encoded protein directly interacts with a GTPase activating protein that functions downstream of the small G protein Ral. Its expression can negatively affect receptor internalization and inhibit growth factor signaling. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	71.2 kDa
AA Sequence	MEAAAAAAAAAAAAAAAAAGGGCGSGPPPLLLSEGEQQCYSELFARCAGAAAGGGPGS GPPEAARVAPGTATAAAGPVADLFRASQLPAETLHQITELCGAKRVGYFGPTQFYIA LKLIAAAQSGLPVRIESIKCELPLPRFMMSKNDGEIRFGNPAELHGTKVQIPYLTTEKN SFKRMDDEDKQETQSPTMSPLASPPSSPPHYQRVPLSHGYSKLRSSAEQMHPAPY EARQPLVQPEGSSSGGPGTKPLRHQASLIRSFVERELQDNSSYPDEPWRITEEQR EYYVNQFRSLQPDPSFISGSVAKNFFTKSKLSIPELSYIWELSDADCDGALTLPEFC AAFHLIVARKNGYPLPEGLPPTLQPEYLQAAFPKPKWDCQLFDSYSESLPANQQPR DLNRMEKTSVKDMADLPVPNQDVTSDDKQALKSTINEALPKDVSEDPATPKDSNSL

 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

KARPRSRSYSSTSIEEAMKRGEDPPTPPRPQKTHSRASSLDLNKVFQPSVPATKS
 GLLPPPPALPPRPCPSQSEQVSEAELLPQLSRAPSQAAESSPAKKDVLYSQPPSKPI
 RRKFRPENQATENQEPSTAASGPASAATMKPHPTVQKQSSKQKKAIQTAIRKNKEA
 NAVLARLNSELQQQLKEVHQERIALENQLEQLRPVTVLTRTRPLEQKLISEEDLAAND
 ILDYKDDDDKV

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name REPS2 RALBP1 associated Eps domain containing 2 [Homo sapiens (human)]

Official Symbol REPS2

Synonyms REPS2; RALBP1 associated Eps domain containing 2; ralBP1-associated Eps domain-containing protein 2; POB1; partner of RalBP1; RALBP1-interacting protein 2; partner of Ral-binding protein 1;

Gene ID 9185

mRNA Refseq NM_001080975

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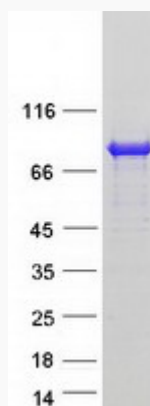
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Protein Refseq NP_001074444

MIM 300317

UniProt ID Q8NFH8

SDS-PAGE



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