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	MEAAAAAAAAAAAAAAGGGCGSGPPPLLLSEGEQQCYSELFARCAGAAGGGPGS GPPEAARVAPGTATAAAGPVADLFRASQLPAETLHQITELCGAKRVGYFGPTQFYIA LKLIAAAQSGLPVRIESIKCELPLPRFMMSKNDGEIRFGNPAELHGTKVQIPYLTTEKN SFKRMDDEDKQETQSPTMSPLASPPSSPPHYQRVPLSHGYSKLRSSAEQMHPAPY EARQPLVQPEGSSSGGPGTKPLRHQASLIRSFSVERELQDNSSYPDEPWRITEEQR EYYVNQFRSLQPDPSSFISGSVAKNFFTKSKLSIPELSYIWELSDADCDGALTLPEFC AAFHLIVARKNGYPLPEGLPPTLQPEYLQAAFPKPKWDCQLFDSYSESLPANQQPR DLNRMEKTSVKDMADLPVPNQDVTSDDKQALKSTINEALPKDVSEDPATPKDSNSL

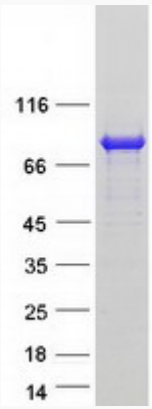
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	KARPRSRSYSSTSIEEAMKRGEDPPTPPPRPQKTHSRASSLDLNKVFQPSVPATKS GLLPPPPALPPRPCPSQSEQVSEAELLPQLSRAPSQAAESSPAKKDVLYSQPPSKPI RRKFRPENQATENQEPSTAASGPASAATMKPHPTVQKQSSKQKKAIQTAIRKNKEA NAVLARLNSELQQQLKEVHQERIALENQLEQLRPVTVLTRTRPLEQKLISEEDLAAND ILDYKDDDDKV
Purity	> 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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Protein Refseq	NP_001074444
MIM	300317
UniProt ID	Q8NFH8
SDS-PAGE	

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