

Recombinant Human RALBP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RALBP1-4370H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RALBP1 MS Standard C13 and N15-labeled recombinant protein (NP_006779) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	RALBP1 plays a role in receptor-mediated endocytosis and is a downstream effector of the small GTP-binding protein RAL (see RALA). Small G proteins, such as RAL, have GDP-bound inactive and GTP-bound active forms, which shift from the inactive to the active state through the action of RALGDS, which in turn is activated by RAS.
Molecular Mass	75.9 kDa
AA Sequence	MTECFLPPTSSPSEHRRVEHGSLTRTPSSEEISPTKFPGLYRTGEPSPPHDILHEP PDVVSDDEKDHGKKKGKFKKKEKRTEGYAAFQEDSSGDEAESPSKMKRSGIHF KKPSFSKKKEKDFKIKEKPKEEKHKKEEKHKKEEKHKESKDLTAADVVKQWKEKKK KKKPIQEPEVPQIDVPNLKPIFGIPLADAVERTMMYDGIRLPAVFRECIDYVEKYGMK CEGIYRVSGIKSKVDELKAAVDREESTNLEDYEPNTVASLLKQYLRLDPENLLTKELM PRFEEACGRTTETEKVQEFQRLLEKPEPCNYLLISWLIVHMDHVIAKELETKMNIQNIS IVLSPTVQISNRVLYVFFTHVQELFGNVVLKQVMKPLRWSNMATMPTLPETQAGIKE EIRRQEFLLNCLHRDLQGGIKDLSKEERLWEVQRILTALKRKLREAKRQECETKIAQE IASLSKEDVSKEEMNENEEVINILLAQENEILTEQEELLAMEQFLRRQIASEKEEIERLR

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AEIAEIQSRQQHGRSETEEYSSSESESESEDEEELQIILEDLQRQNEELEIKNNHLNQAI
 HEEREAIIELRVQLRLLQMQRAKAEQQAQEDDEEPEWRGGAVQPPRDGVLEPKAAK
 EQPKAGKEPAKPSRDRKETSITRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 RALBP1 raIA binding protein 1 [Homo sapiens (human)]

Official Symbol RALBP1

Synonyms RALBP1; raIA binding protein 1; raIA-binding protein 1; RIP; RIP1; RLIP76; DNP-SG ATPase; ral-interacting protein 1; 76 kDa Ral-interacting protein; dinitrophenyl S-glutathione ATPase; RLIP1;

Gene ID 10928

mRNA Refseq NM_006788

Protein Refseq NP_006779

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MIM 605801

UniProt ID Q15311

SDS-PAGE



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