

Recombinant Human RALGPS1 Protein (1-305 aa), His-SUMO-tagged

Cat. No. RALGPS1-1025H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RALGPS1 Protein (1-305 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Isoform 4.
Species	Human
Source	E.coli
ProteinLength	1-305 aa
Description	Guanine nucleotide exchange factor (GEF) for the small GTPase RALA. May be involved in cytoskeletal organization . Guanine nucleotide exchange factor for.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	50.7 kDa
AA Sequence	MYKRNGLMASVLVTSATPQGSSSSDSLEGQSCDYASKSYDAVFDVLKVTPEEFAS QITLMDIPVFKAIQPEELASCGWSKKEKHSLAPNVVAFTRRFNQVSFWVREILTAQT LKIRAEILSHFVKIAKKLLELNNLHSLMSVVSALQSAPIFRLTKTWALLNRKDKTTFEKL DYLSKEDNYKRTREYIRSLKMVPSIPYLGIIYLLDIYIDSAYPASGSIMENEQRSNQM NNILRIIADLQVSCSYDHLTTLPHVQKYLKSVRYIEELQKFVEDDNYKLSLRIEPGSSS PRLVSSKEDLAAM

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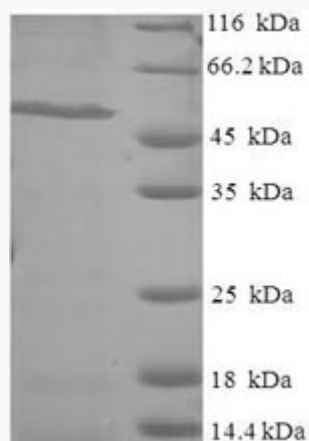
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	RALGPS1 Ral GEF with PH domain and SH3 binding motif 1 [Homo sapiens]
Official Symbol	RALGPS1
Synonyms	RALGPS1; KIAA0351; RALGEF2; RALGPS1A; RalGEF 2; RP13-225O21.1;
Gene ID	9649
mRNA Refseq	NM_001190728
Protein Refseq	NP_001177657
MIM	614444
UniProt ID	Q5JS13

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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