

Recombinant Human REEP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. REEP1-5097H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	REEP1 MS Standard C13 and N15-labeled recombinant protein (NP_075063) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a mitochondrial protein that functions to enhance the cell surface expression of odorant receptors. Mutations in this gene cause spastic paraplegia autosomal dominant type 31, a neurodegenerative disorder. Alternative splicing results in multiple transcript variants.
Molecular Mass	22.3 kDa
AA Sequence	MVSWIISRLVVLIFGTLYPAYYSYKAVKSKDIKEYVKWMMYWIIFALTTAETFTDIFLC WFPFYELKIAFVAWLLSPYTKGSSLLYRK FVHPTLSSKEKEIDDCLVQAKDRSYDAL VHFGKRGLNVAATAAVMAASKGQGALSERLRSFSMQDLTTIRGDGAPAPSGPPPP GSGRASGKHGQPKMSRSASESASSSGTATRTRPLEQKLISEEDLAANDILDYKDDD DKV
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.

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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.

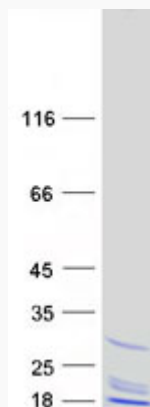
GENE INFORMATION

Gene Name	REEP1 receptor accessory protein 1 [Homo sapiens (human)]
Official Symbol	REEP1
Synonyms	REEP1; receptor accessory protein 1; HMN5B; SPG31; Yip2a; C2orf23; receptor expression-enhancing protein 1; spastic paraplegia 31 protein
Gene ID	65055
mRNA Refseq	NM_022912
Protein Refseq	NP_075063
MIM	609139
UniProt ID	Q9H902

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SDS-PAGE

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