

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

Cat. No. MANEAL-982H **Lot. No.** (See product label)

SPECIFICATION

Product Overview MANEAL MS Standard C13 and N15-labeled recombinant protein (NP_001106954) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species Human

Source HEK293

Description MANEAL (Mannosidase Endo-Alpha Like) is a Protein Coding gene. Diseases associated with MANEAL include Wolf-Hirschhorn Syndrome. Gene Ontology (GO) annotations related to this gene include hydrolase activity. An important paralog of this gene is MANEA.

Molecular Mass 51.1 kDa

AA Sequence

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MARRRRRACIALFLVLLFAFGTLMGLRTLKAPDGLPALGPGLELAPFERRPEGAPAP
AARAPAAPAAPPPPPPPRTADPGGSPGPAPAEAEPAPVQSLRVYSDLHAFYYSW
YGSPRREGHYIHWDHVMVPHWDPKISASYPRGRHSPPDDLGSFYPELGPYSSRD
PEVLREHMTQLKEAAIGVLVLSWYPPGMADDNGEPSDDLVPAILDTAHQYSIQVAFH
IQPYKGRDDITVHDNIKIYIIDTYGSHGAFYRYKNSMGKSLPLFYIYDSYLTSPAWAHL
LTPNGPHSIRNTPYDGVFIALLVEEGHTHDILAAGFDGMYTYFASNGFSFGSSHQNW
KAVKNFCDANNLMFIPSVGPGYIDTSIRPWNNHNTRNRVNGKYYETALQAALTVRPE
IVSITSFNEWHEGTQIEKAIPKKTPTRLYLDYLPHQPSLYLELTRRWAEHFIKEKEQWL
MTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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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	MANEAL mannosidase endo-alpha like [Homo sapiens (human)]
Official Symbol	MANEAL
Synonyms	MANEAL; mannosidase endo-alpha like; glycoprotein endo-alpha-1,2-mannosidase-like protein; EC 3.2.1.130
Gene ID	149175
mRNA Refseq	NM_001113482
Protein Refseq	NP_001106954
UniProt ID	Q5VSG8

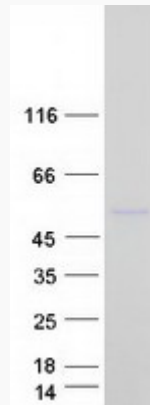
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SDS-PAGE



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