

Recombinant Human MACROD2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MACROD2-5233H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MACROD2 MS Standard C13 and N15-labeled recombinant protein (NP_542407) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a deacetylase involved in removing ADP-ribose from mono-ADP-ribosylated proteins. The encoded protein has been shown to translocate from the nucleus to the cytoplasm upon DNA damage.
Molecular Mass	47.2 kDa
AA Sequence	MYPSNKKKKVWREEKERLLKMTLEERRKEYLRDYIPLNSILSWKEEMKGKGQNDEE NTQETSQVKKSLTEKVS LYRGDITLLEVD AIVNAANASLLGGGGVDGCIHRAAGPCLL AECRN LNC D TGHAKITCGYDLP AKYVIHTVGPIARGHINGS HKEDLANCYKSSLKLV KENNIRSVAFPCISTGIYGFPNEPA AVIALNTIKEWLAKNHHEVDRIIFCVFLEVDFKIY KKKMNEFFSVDDNNEEEEDVEMKEDSDENGPEEKQSVEEMEEQSQDADGVNTVT VPGPASEEAVEDCKDEDFAKDENITKGGEVTDH SVRDQDHPDGGQENDSTKNEIKIE TESQSSYMETEELSSNQEDAVIVEQPEVIPLTEDQEEKEGEKAPGEDTPRMPGKSE GSSDLENTPGPDAGA QDEAKEQRNGTKTRTRPLEQKLISEEDLAANDILDYKDDDD KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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.

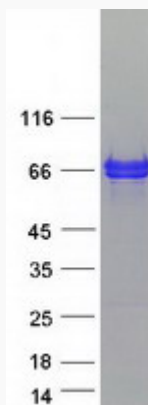
GENE INFORMATION

Gene Name	MACROD2 mono-ADP ribosylhydrolase 2 [Homo sapiens (human)]
Official Symbol	MACROD2
Synonyms	MACROD2; mono-ADP ribosylhydrolase 2; C2orf133; C20orf133; ADP-ribose glycohydrolase MACROD2; MACRO domain containing 2; MACRO domain-containing protein 2; O-acetyl-ADP-ribose deacetylase MACROD2; [Protein ADP-ribosylaspartate] hydrolase MACROD2; [Protein ADP-ribosylglutamate] hydrolase; [Protein ADP-ribosylglutamate] hydrolase MACROD2
Gene ID	140733
mRNA Refseq	NM_080676
Protein Refseq	NP_542407
MIM	611567
UniProt ID	A1Z1Q3

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SDS-PAGE

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