

Recombinant Human NUDT18 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NUDT18-1170H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NUDT18 MS Standard C13 and N15-labeled recombinant protein (NP_079091) 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 member of the Nudix hydrolase family. Nudix hydrolases eliminate potentially toxic nucleotide metabolites from the cell and regulate the concentrations and availability of many different nucleotide substrates, cofactors, and signaling molecules. This protein contains a Nudix hydrolase domain and hydrolyzes oxidized forms of guanosine and deoxyguanosine diphosphates.
Molecular Mass	35.3 kDa
AA Sequence	MASEGLAGALASVLAGQGSSVHSCDSAPAGEPPAPVRLRKNVCYVVLAVFLSEQDE VLLIQEAKRECRGSWYLPAGRMEPGETIVEALQREVKEEAGLHCEPETLLSVEERGP SWVRFVFLARPTGGILKTSKEADAESLQAAWYPRTSLPTPLRAHDILHLVELAAQYR QQARHPLILPQELPCDLVCQRLVATFTSAQTVWVLVGTVGMPHLPVTACGLDPMEQ RGGMKMAVLRLLQECLTLHHLVVEIKGLLGLQHLGRDHSDGICLNVLVTVAFRSPGI QDEPPKVRGENFSWWKVMEEDLQSQLLQRLQGSSVVPVNRTRTRPLEQKLISEED LAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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	NUDT18 nudix hydrolase 18 [Homo sapiens (human)]
Official Symbol	NUDT18
Synonyms	NUDT18; nudix (nucleoside diphosphate linked moiety X)-type motif 18; nucleoside diphosphate-linked moiety X motif 18; FLJ22494; nudix motif 18;
Gene ID	79873
mRNA Refseq	NM_024815
Protein Refseq	NP_079091
MIM	615791
UniProt ID	Q6ZVK8

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA