

Recombinant Human NUDT6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NUDT6-6067H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NUDT6 MS Standard C13 and N15-labeled recombinant protein (NP_009014) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene overlaps and lies on the opposite strand from FGF2 gene, and is thought to be the FGF2 antisense gene. The two genes are independently transcribed, and their expression shows an inverse relationship, suggesting that this antisense transcript may regulate FGF2 expression. This gene has also been shown to have hormone-regulatory and antiproliferative actions in the pituitary that are independent of FGF2 expression. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	35.7 kDa
AA Sequence	MRQPLSWGRWRAMLARTYGPGPSAGYRWASGAQGYVRNPPVGACDLQGELDRF GGISVRLARLDALDRLDAAAFQKGLQAAVQQWRSEGRTAVWLHIPILQSRFIAPAAS LGFCFHHAESDSSTLTWLREGPSRLPGYASHQVGVAGAVFDESTRKILVVQDRNK LKNMWKFPGGLSEPEEDIGDTAVREVFEETGIKSEFRSVLSIRQQHTNPGAFGKSD MYIICRLKPYSFTINFCQEECLRCWMDLNDLAKTENTTPITSRVARLLLYGYREGFD KIDLTVEELPAVYTGLFYKLYHKELPENYKTMKGIDTRTRPLEQKLISEEDLAANDILD

 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

	YKDDDDKV
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	NUDT6 nudix hydrolase 6 [Homo sapiens (human)]
Official Symbol	NUDT6
Synonyms	NUDT6; nudix (nucleoside diphosphate linked moiety X)-type motif 6; nucleoside diphosphate-linked moiety X motif 6; FGF AS; FGF2AS; gfg; gfg 1; antisense basic fibroblast growth factor; GFG1; GFG-1; ASFGE2; FGF-AS;
Gene ID	11162
mRNA Refseq	NM_007083
Protein Refseq	NP_009014
MIM	606261

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UniProt ID

P53370

SDS-PAGE

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