Recombinant Full Length Human NUDT6 Protein, C-Flag-tagged

Cat. No. NUDT6-1406HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NUDT6 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35.5 kDa
AA Sequence	MRQPLSWGRWRAMLARTYGPGPSAGYRWASGAQGYVRNPPVGACDLQGELDRF GGISVRLARLDALDRLD AAAFQKGLQAAVQQWRSEGRTAVWLHIPILQSRFIAPAAS LGFCFHHAESDSSTLTLWLREGPSRLPGYA SHQVGVAGAVFDESTRKILVVQDRNK LKNMWKFPGGLSEPEEDIGDTAVREVFEETGIKSEFRSVLSIRQ QHTNPGAFGKSD MYIICRLKPYSFTINFCQEECLRCEWMDLNDLAKTENTTPITSRVARLLLYGYREGFD

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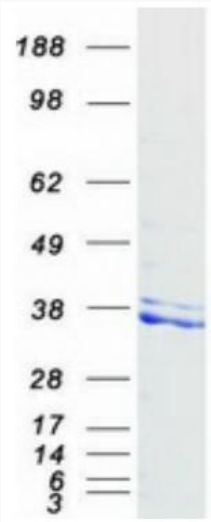
	KIDLTVEELPAVYTGLFYKLYHKELPENYKTMKGIDTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	NUDT6 nudix hydrolase 6 [Homo sapiens (human)]
Official Symbol	NUDT6
Synonyms	GFG1; GFG-1; ASFGF2; FGF-AS; FGF2AS
Gene ID	11162
mRNA Refseq	NM_007083.5
Protein Refseq	NP_009014.2

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MIM	606261
UniProt ID	P53370



Coomassie blue staining of purified NUDT6 protein.

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