

## Product datasheet for PH303470

### NUDT6 (NM\_007083) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NUDT6 MS Standard C13 and N15-labeled recombinant protein (NP_009014)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203470
Predicted MW:	35.7 kDa
Protein Sequence:	>RC203470 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MRQPLSWGRRAMLARTYGPGPSAGYRWASGAQGYVRNPPVGACDLQGEIDRFGGISVRLARLDALDRLD AAAFQKGLQAAVQQRSEGR TAVWLHIPILQSRFIAPAASLGFCFHAE SDSSTLTLWLREGPSRLPGYA SHQVGVAGAVFDESTRKILVVQDRNKLKNMWFPGGLSEPEEDIGDTAVREVFEETGIKSEFRS VLSIRQ QHTNPGAFGKSDMYIICRLKPYSFTINFCQEECLRCEWMDLNDLAKTENTTPITSRVARLLLYGYREGFD KIDL TVEELPAVYTGLFYKLYHKELPENYKTMKGID  <b>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_009014</a></u>
RefSeq Size:	1197
RefSeq ORF:	948
Synonyms:	ASFGF2; FGF-AS; FGF2AS; GFG-1; GFG1
Locus ID:	11162



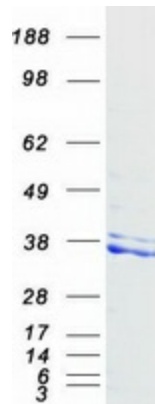
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UniProt ID: [P53370](#)

Cytogenetics: 4q28.1

**Summary:** 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. [provided by RefSeq, Oct 2011]

### Product images:



Coomassie blue staining of purified NUDT6 protein (Cat# [TP303470]). The protein was produced from HEK293T cells transfected with NUDT6 cDNA clone (Cat# [RC203470]) using MegaTran 2.0 (Cat# [TT210002]).