

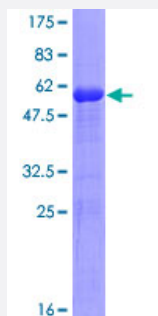
Full-Length

NUDT5 (Human) Recombinant Protein (P01)

Catalog # H00011164-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NUDT5 full-length ORF (NP_054861.2, 1 a.a. - 219 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MESQEPTESSQNGKQYIISEELISEGKWVKLEKTTYMDPTGKTRTWESVKRTRRKEQTADGVAVIP VLQRTLHYECMLVKQFRPPMGGYCIEFPAGLIDDGETPEAAALRELEEETGYKGDIAECSPAVCM DPGLSNCTIHVTVTINGDDAENARPKPKPGDGEFVEVISLPKNDLLQRLDALVAEEHLTVDARVY SYALALKHANAKPFEVPFLKF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	50.7
Interspecies Antigen Sequence	Mouse (82); Rat (86)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NUDT5

Entrez GeneID	11164
GeneBank Accession#	NM_014142.2
Protein Accession#	NP_054861.2
Gene Name	NUDT5
Gene Alias	YSA1, YSA1H, hYSAH1
Gene Description	nudix (nucleoside diphosphate linked moiety X)-type motif 5
Omim ID	609230
Gene Ontology	Hyperlink
Gene Summary	Nudix hydrolases, such as NUDT5, eliminate toxic nucleotide derivatives from the cell and regulate the levels of important signaling nucleotides and their metabolites (McLennan, 1999 [PubMed 10373642]).[supplied by OMIM]
Other Designations	OTTHUMP00000019112 nucleoside diphosphate linked moiety X-type motif 5 nudix-type motif 5

Pathway

- [Purine metabolism](#)