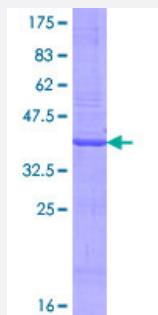


NUDT14 (Human) Recombinant Protein (Q01)

Catalog # H00256281-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NUDT14 partial ORF (NP_803877.2, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MERIEGASVGRCAASPYLRPLTLHYRQNGAQKSWDFMKTHDSVTVLLFNSSRRSLVLVKQFRPA VYAGEVERRFPGLAAVDQDGPRELQPALPGSAGVT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
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 — NUDT14

Entrez GeneID [256281](#)

GeneBank Accession# [NM_177533](#)

Protein Accession# [NP_803877.2](#)

Gene Name NUDT14

Gene Alias UGPP, UGPPase

Gene Description nudix (nucleoside diphosphate linked moiety X)-type motif 14

Omim ID [609219](#)

Gene Ontology [Hyperlink](#)

Gene Summary UDP-glucose (UDPG) acts as the sugar donor in numerous glycosylation reactions, including those involved in the production of glycogen. NUDT14 is a UDPG pyrophosphatase (EC 3.6.1.45) that hydrolyzes UDPG to produce glucose 1-phosphate and UMP (Yagi et al., 2003 [PubMed 12429023]).[supplied by OMIM]

Other Designations OTTHUMP00000163909|UDP-sugar diphosphatase|nucleoside diphosphate linked moiety X-type motif 14|uridine diphosphate glucose pyrophosphatase