

Product datasheet for PH302982

NUDT22 (NM_032344) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NUDT22 MS Standard C13 and N15-labeled recombinant protein (NP_115720)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202982
Predicted MW:	32.6 kDa
Protein Sequence:	>RC202982 protein sequence Red=Cloning site Green=Tags(s)

MDPEVTLLQLCPGGGLPQEIQIAELSPAHDRRPLPGGDEAITAIWETRLKAQPWLFDAKFKRLHSATLAP
IGSRGPQLLLRLGLTSYRDFLGTNWSSAAWLRQQGATDWGDTQAYLADPLGVGAALATADDFLVFLRRS
RQVAEAPGLVDVPGGHPEPQALCPGGSPQHQLAGQLVVHELFSVLEICDEVNLPDLLTSQPLLLGIA
RNETSAGRASAEFYVQCSLTSEQVRKHYLSGGPEAHESTGIFVETQNVRRLPETEMWAEALCPSAKGAI
LYNRVQGSPTGAALGSPALLPPL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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>NP_115720</u>
RefSeq Size:	1141
RefSeq ORF:	909
Locus ID:	84304
UniProt ID:	<u>Q9BRQ3</u>

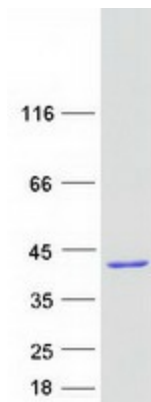


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Cytogenetics: 11q13.1

Summary: Hydrolyzes UDP-glucose to glucose 1-phosphate and UMP and UDP-galactose to galactose 1-phosphate and UMP. Preferred substrate is UDP-glucose.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified NUDT22 protein (Cat# [TP302982]). The protein was produced from HEK293T cells transfected with NUDT22 cDNA clone (Cat# [RC202982]) using MegaTran 2.0 (Cat# [TT210002]).