

Product datasheet for PH301869

ABHD5 (NM_016006) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ABHD5 MS Standard C13 and N15-labeled recombinant protein (NP_057090)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201869
Predicted MW:	39.1 kDa
Protein Sequence:	>RC201869 protein sequence Red=Cloning site Green=Tags(s)

MAAEVEEVDSDATGERSGWL TGWLPWCPTSISHLKEAEEKMLKCVPTKYKPEVRI SNGNKIWT LKFSH
NISNKTPLVLLHGFGGGLG LWALNFGDLCTNRPVYAFDLLGFGRSSRPRFSDAE EENQFVESIEEWRC
ALGLDKMILLGHNLGGFLAAAYS LKYP SRVNH LILVEPWGFPERPD LADQDRPIPVWIRALGAALTPFNP
LAGLRIAGPFGLSLVQRLRPDFKRKYSSMFEDDTVTEYIYHCNVQTPSGETA FKNMTIPYGWAKRPLQR
IGKMHPDIPVSVIFGARSCIDGNSGT SIQSLRPHSYVKT IAILGAGHYVYADQPEEFNQKVKEICD TVD

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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_057090</u>
RefSeq Size:	5370
RefSeq ORF:	1047
Synonyms:	CGI58; IECN2; NCIE2
Locus ID:	51099



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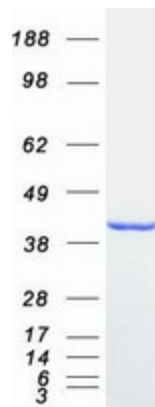
UniProt ID: [Q8WTS1](#), [A0A0S2Z5D6](#)

Cytogenetics: 3p21.33

Summary: The protein encoded by this gene belongs to a large family of proteins defined by an alpha/beta hydrolase fold, and contains three sequence motifs that correspond to a catalytic triad found in the esterase/lipase/thioesterase subfamily. It differs from other members of this subfamily in that its putative catalytic triad contains an asparagine instead of the serine residue. Mutations in this gene have been associated with Chanarin-Dorfman syndrome, a triglyceride storage disease with impaired long-chain fatty acid oxidation. [provided by RefSeq, Jul 2008]

Protein Families: Protease

Product images:



Coomassie blue staining of purified ABHD5 protein (Cat# [TP301869]). The protein was produced from HEK293T cells transfected with ABHD5 cDNA clone (Cat# [RC201869]) using MegaTran 2.0 (Cat# [TT210002]).