

#### OriGene Technologies, Inc.

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# Product datasheet for TP301869

#### ABHD5 (NM\_016006) Human Recombinant Protein

### **Product data:**

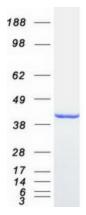
Nescription:Recombinant protein of human abhydrolase domain containing 5 (ABHD5), 20 µgSpecies:HumanExpression Host:HEK293TExpression cDNA Closs or AA Sequence: Red=Cloning site Green=Tags(s)Red=Cloning site Green=Tags(s)MAREEEEVDSADTGERSGWLTGWLPTWCPTSISHLKEAEEKMLKCVPCTYKKEPVRISNGNKIWTLKFSH NAGEDEKINLGGHLAAANSLKYPSXNHLLLVPWGFPERPDLADQDRPIPVWIRALGAALTPFNPV LAGLINGHLGGHAAANSLKYPSXNHLLVPWGFPERPDLADQDRPIPVWIRALGAALTPFNPV LAGLINGPFGLSLVQRLRPDFKRYSSMFEDDTVTYYHAPULAGAGHYVADQDEEFNQKVKEICDTVD UAGLINGPFGLSLVQRLRPDFKRYSSMFEDDTVTYYHAPULAGAGHYVADQPEEFNQKVKEICDTVDTag:C.Myc/DDKFredicted MW:38,9 baGoncentration:0.05 µg/µL as determined by microplate BCA methodPurity:Som a determined by SDS-PAGE and Coomassie blue stainingBuffer:Som intris-HCI,100 mM glycine, pH 7.3, 10% glycerolNote:Grenominant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Som a determined by SDS-PAGE and Coomassie blue stainingBuffer:Som intris-HCI,100 mM glycine, pH 7.3, 10% glycerolNote:Som a determined by SDS-PAGE and Coomassie blue stainingStorage:Som a combinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Som a determined by SDS-PAGE and Coomassie blue stainingBuffer:Som a determined by SDS-PAGE and C	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression cDNA colorRc201869 protein sequence Rcd-Cloning site Green=Tags(s)Kaseleunce:Rc201869 protein sequence Rcd-Cloning site Green=Tags(s)Kaseleunce:Rc201869 protein sequence Rcd-Cloning site Green=Tags(s)Kaseleunce:Rc201869 protein sequence Rcd-Cloning site Green=Tags(s)Kaseleunce:NISKRTPLVLLHGFGGGLGLWALNFGDLCTNRPVYAFDLLGFGRSSRPRFDSDAEEVENQFVESIEEWRC ALGDXMILLGHNLGGFLAAYSLKYPSRVNHLIUVEPWGFPERPDLADQDRPIPVWIRALGAALTPPNP LAGRIAGPFGLSUVQRLRPDFKRKYSSMFEDDTVTEYIYHCNVQTPSGETAFKNMTIPYGWAKRPMLQR IGKMHPDIPVSVFGARSCIDGNSGTSIQSLRPHSYVKTIALGAGHYYYADQPEEFNQKVKEICDTVD LAGRIAGPFGLSUVQRLRPDFKRKYSSMFEDDTVTEYIYHCNVQTPSGETAFKNMTIPYGWAKRPMLQRTag:CMyc/DDKFredicted MW:38.9 kDaConcentration:0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by SDS-PAGE and Coomassie blue stainingPreparation:6 Rccombinant protein was captured through anti-DDK affinity column followed by conventional chromatograph ysteps.Note:6 ret sting in cell culture applications, please filter before use, Note that you may experience some loss of protein during the filtration process.Storage:Stora 4.80°C.Storage:Stora 4.80°C.Stability:Stabe for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP_057090	Description:	Recombinant protein of human abhydrolase domain containing 5 (ABHD5), 20 $\mu g$
Expression cDNA CloomReC201869 protein sequenceRed=Cloning site Green=Tags(s)MAAEEEEVDSADTGERSGWLTGWLPTWCPTSISHLKEAEEKMLKCVPCTYKKEPVRISNGNKWTLKFSH NISNKTPLVLLHGFGGGLGLWALNFGDLCTNRPVYAFDLLGFGRSSRPRPDSDAEEVENQFVESIEEWRC ALGLDKMILLGHNLGGFLAAAYSLKYPSRVNHLILVEPWGFPERPLAAQDRPIPVWIRALGAALTPFNP LAGLRIAGPFGLSLVQRLRPDFKRKYSSMFEDDTVTEYIYHCNVQTPSGETAFKNMTIPYGWAKRPMLQR IGKMHPDIPVSVIFGARSCIDGNSGTSIQSLRPHSVKTIAILGAGHVVAADQPEEFNQKVKEICDTVDTag:CMyc/DDKTag:CMyc/DDKPredicted MW:38.9 kDaConcentration:0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by microplate BCA methodPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage:Stable for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:M.P 057090	Species:	Human
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Locus ID: 51099	RefSeq:	<u>NP 057090</u>
	Locus ID:	51099



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	ABHD5 (NM_016006) Human Recombinant Protein – TP301869
UniProt ID:	<u>Q8WTS1, A0A0S2Z5D6</u>
RefSeq Size:	5370
Cytogenetics:	3p21.33
RefSeq ORF:	1047
Synonyms:	CGI58; IECN2; NCIE2
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]).

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