

Recombinant Human ABHD5 protein, GST-tagged

Cat. No. ABHD5-9243H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ABHD5 protein(6-349 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	6-349 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

EEVDSADTGERSGWLTGWLPTWCPTSISHLKEAEEKMLKCVPCTYKKEPVRISNGN
 KIWTLKFShNISNKTPLVLLHGFGGGLGLWALNFGDLCTNRPVYAFDLLGFGRSSRP
 RFDSDAEEVENQFVESIEEWRCALGLDKMILLGHNLGGLAAAYSLKYPSRVNHLILV
 EPWGFPERPDADQDRPIPVWIRALGAALTPFNPLAGLRIAGPFGLSLVQRLRPDFK
 RKYSSMFEDDTVTEYIYHCNVQTPSGETAFAKNMTIPYGWAKRPMLQRIGKMHPDIP
 VSVIFGARSCIDGNSGTISIQLRPHSYVKTIALLGAGHYVYADQPEEFNQKVKEICDTV
 D

GENE INFORMATION
Gene Name

ABHD5 abhydrolase domain containing 5 [Homo sapiens]

Official Symbol

ABHD5

Synonyms

ABHD5; abhydrolase domain containing 5; 1-acylglycerol-3-phosphate O-acyltransferase ABHD5; CGI 58; NCIE2; lipid droplet-binding protein CGI-58; abhydrolase domain-containing protein 5; CDS; CGI58; IECN2; MGC8731;

Gene ID

51099

mRNA Refseq

NM_016006

Protein Refseq

NP_057090

MIM

604780

UniProt ID

Q8WTS1