

Recombinant Full Length Human DDHD2 Protein, GST-tagged

Cat. No. DDHD2-2447HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DDHD2 full-length ORF (NP_056029.1, 1 a.a. - 711 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	711 amino acids
Description	This gene encodes a phospholipase enzyme containing sterile-alpha-motif (SAM), WWE, and DDHD domains. This protein participates in membrane trafficking between the endoplasmic reticulum and the Golgi body. Mutations in this gene can cause autosomal recessive spastic paraplegia 54. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]
Molecular Mass	107.4 kDa
AA Sequence	MSSVQSQQEQLSQSDPSPSPNSCSSFELIDMDAGSLYEPVSPHWFYCKIIDSKETWIPFNSEDSQQLEEAYSSGKGCGNRRVPTDGGRYDVHLGERMRYAVYWDELASEVR RCTWFKGDKDNKYVPYSESFSQVLEETYMLAVTLDEWKKKLESPNREIIILHNPKL MVHYQPVAGSDDWGSTPTEQGRPRTVKRGVENISVDIHCGEPLQIDHLVFFVHGIG PACDLRFRSIVQCVNDFRSVSLNLLQTHFKKAQENQQIGRVEFLPVNWHSPHSTG VDVDLQRITLPSINRLRHFTNDTILDVFFYNSPTYCQTIVDTVASEMNRIYTLFLQRNP DFKGGVSIAGHSLGSLILFDILTQKDSLGDIDSEKDSL NIVMDQGDTP TLEEDLKKLQ LSEFFDIFEKEKVDKEALALCTDRDLQEIGIPLGPRKKILNYFSTRKNSMGIKRPAPQP

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ASGANIPKESEFCSSSNTRNGDYLDVGIGQVSVKYPRLIYKPEIFFAFGSPIGMFLTV
RGLKRIDPNYRFPTCKGFFNIYHPFDPVAYRIEPMVVPGVFEFEPMLIPHHKGRKRMH
LELREGLTRMSMDLKNLLGSLRMAWKSFTRAPYPALQASETPEETEAPESTSEK
PSDVNTEETSVAVKEEVLPINVGMLNGGQRIDYVLQEKPIESFNEYLFALQSHLCYW
ESEDTVLLVLKEIYQTQGIFLDQPLQ

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

DDHD2 DDHD domain containing 2 [Homo sapiens]

Official Symbol

DDHD2

Synonyms

DDHD2; DDHD domain containing 2; SAM, WWE and DDHD domain containing 1 , SAMWD1; phospholipase DDHD2; KIAA0725; PA-PLA1 like; DDHD domain-containing protein 2; SAM, WWE and DDHD domain containing 1; SAM, WWE and DDHD domain-containing protein 1; sec23p-interacting protein p125-like phosphatidic acid-preferring phospholipase A1; SAMWD1;

Gene ID

23259

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mRNA Refseq	NM_001164232
Protein Refseq	NP_001157704
MIM	615003
UniProt ID	O94830

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