

Recombinant Human DDHD2 Protein, GST-tagged

Cat. No. DDHD2-2439H **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	Wheat Germ
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	MSSVQSQQEQLSQSDPSPSPNSCSSFELIDMDAGSLYEPVSPHWFYCKIIDSKETWI PFNSEDSSQQLLEEAYSSGKGCNGRVVPTDGGRYDVHLGERMRYAVYWDELASEVR RCTWFKYKGDKNKYVPYSESFSQVLEETYMLAVTLDEWKKKLESPNREIIILHNPKL MVHYQPVAGSDDWGSTPTEQGRPRTVKRGVENISVDIHCGEPLQIDHLVFVVHGIG PACDLRFRSIVQCVNDFRSVSLNLLQTHFKKAQENQQIGRVEFLPVNWHSPHSTG VDVDLQRITLPSINRLRHFTNDTILDVFFYNSPTYCQTIVDTVASEMNRIYTLFLQRNP DFKGGVSIAGHSLGSLILFDILTQKDSLGDIDSEKDSL NIVMDQGDTP TLEEDLKKLQ LSEFFDIFEKEKVDKEALALCTDRDLQEIGIPLGPRKKILNYFSTRKNSMGIKRPAPQP ASGANIPKESEFCSSSNTRNGDYLDVGIGQVSVKYPRLIYKPEIFFAFGSPIGMFLTV

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RGLKRIDPNYRFPTCKGFFNIYHPFDPVAYRIEPMVVPGVVEFEPMLIPHHKGRKRMH
LELREGLTRMSMDLKNLLGSLRMAWKSFTRAPYPALQASETPEETEAPESTSEK
PSDVNTEETSVAVKEEVLPINVGMLNGGQRIDYVLQEKPIESFNEYLFALQSHLCYW
ESEDVLLVLKEIYQTQGIFLDQPLQ

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
mRNA Refseq	NM_001164232

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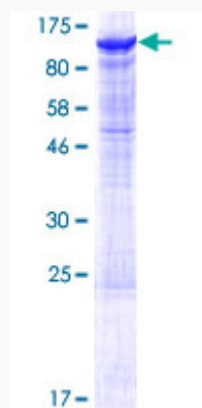
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Protein Refseq NP_001157704

MIM 615003

UniProt ID O94830

**Quality Control
Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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