Recombinant Human GADL1 Protein, GST-tagged

Cat. No. GADL1-4662H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GADL1 full-length ORF (BAC87546.1, 1 a.a. - 337 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	GADL1 (Glutamate Decarboxylase Like 1) is a Protein Coding gene. Diseases associated with GADL1 include Gadl1-Related Altered Drug Metabolism. Among its related pathways are Amino acid synthesis and interconversion (transamination) and Viral mRNA Translation. GO annotations related to this gene include pyridoxal phosphate binding and sulfinoalanine decarboxylase activity. An important paralog of this gene is CSAD.
Molecular Mass	64.9 kDa
AA Sequence	MYAMNLARYKYCPDIKEKGLSGSPRLILFTSAECHYSMKKAASFLGIGTENVCFVET DGRGKMIPEELEKQVWQARKEGAAPFLVCATSGTTVLGAFDPLDEIADICERHSLWL HVDASWGGSALMSRKHRKLLHGIHRADSVAWNPHKMLMAGIQCCALLVKDKSDLL KKCYSAKASYLFQQDKFYDVSYDTGDKSIQCSRRPDAFKFWMTWKALGTLGLEER VNRALALSRYLVDEIKKREGFKLLMEPEYANICFWYIPPSLREMEEGPEFWAKLNLV APAIKERMMKKGSLMLGYQPHRGKVNFFRQVVISPQVSREDMDFLLDEIDLLGKDM
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	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	GADL1 glutamate decarboxylase-like 1 [Homo sapiens]
Official Symbol	GADL1
Synonyms	GADL1; glutamate decarboxylase-like 1; Glutamate Decarboxylase Like 1; Glutamate Decarboxylase-Like Protein 1; Cysteine Sulfinic Acid Decarboxylase; Aspartate 1-Decarboxylase; EC 4.1.1.29; HuCSADC; CSADC; HuADC; ADC; Acidic Amino Acid Decarboxylase GADL1; Glutamate Decarboxylase-Like 1; EC 4.1.1.15; EC 4.1.1.11; EC 4.1.1
Gene ID	339896
mRNA Refseq	NM_207359
Protein Refseq	NP_997242
MIM	615601
UniProt ID	Q6ZQY3

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