

Recombinant Full Length Human DAD1 Protein, GST-tagged

Cat. No. DAD1-2314HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DAD1 full-length ORF (AAH07403, 1 a.a. - 113 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	113 amino acids
Description	DAD1, the defender against apoptotic cell death, was initially identified as a negative regulator of programmed cell death in the temperature sensitive tsBN7 cell line. The DAD1 protein disappeared in temperature-sensitive cells following a shift to the nonpermissive temperature, suggesting that loss of the DAD1 protein triggered apoptosis. DAD1 is believed to be a tightly associated subunit of oligosaccharyltransferase both in the intact membrane and in the purified enzyme, thus reflecting the essential nature of N-linked glycosylation in eukaryotes. [provided by RefSeq, Jul 2008]
Molecular Mass	38.17 kDa
AA Sequence	MSASVVSVISRFL EEYLSSTPQRLKLLDAYLLYILLTGALQFGYCLLVGTFFPNSFLSG FISCVGSFILAVCLRIQINPQNKADFQGISPERAFADFLFASTILHLVVMNFVG
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	DAD1 defender against cell death 1 [Homo sapiens]
Official Symbol	DAD1
Synonyms	DAD1; defender against cell death 1; dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1; oligosaccharyltransferase 2 homolog (S. cerevisiae); OST2; DAD-1; oligosaccharyltransferase 2 homolog; oligosaccharyl transferase subunit DAD1;
Gene ID	1603
mRNA Refseq	NM_001344
Protein Refseq	NP_001335
MIM	600243
UniProt ID	P61803