

Recombinant Human DAG1 Protein, GST-tagged

Cat. No. DAG1-2327H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DAG1 partial ORF (AAH12740, 31 a.a. - 140 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes dystroglycan, a central component of dystrophin-glycoprotein complex that links the extracellular matrix and the cytoskeleton in the skeletal muscle. The encoded preproprotein undergoes O- and N-glycosylation, and proteolytic processing to generate alpha and beta subunits. Certain mutations in this gene are known to cause distinct forms of muscular dystrophy. Alternative splicing results in multiple transcript variants, all encoding the same protein. [provided by RefSeq, Nov 2015]
Molecular Mass	37.84 kDa
AA Sequence	WPSEPSEAVRDWENQLEASMHSVLSDLHEAVPTVVGIPDGTAVVGRSFRVTIPTDLI ASSGDIKVSAAAGKEALPSWLHWDSQSHTLEGLPLDTDKGVHYISVSATRLGA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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.

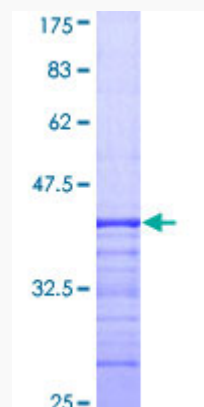
GENE INFORMATION

Gene Name	DAG1 dystroglycan 1 (dystrophin-associated glycoprotein 1) [Homo sapiens]
Official Symbol	DAG1
Synonyms	DAG1; dystroglycan 1 (dystrophin-associated glycoprotein 1); dystroglycan; 156DAG; A3a; AGRNR; alpha dystroglycan; beta dystroglycan; DAG; dystrophin associated glycoprotein 1; MDDGC7; FLJ51254;
Gene ID	1605
mRNA Refseq	NM_001165928
Protein Refseq	NP_001159400
MIM	128239
UniProt ID	Q14118

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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