Recombinant Human MADD Protein, His-tagged

Cat. No. MADD-2409H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MADD Protein (Asn1388-Ser1647) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asn1388-Ser1647
Description	Tumor necrosis factor alpha (TNF-alpha) is a signaling molecule that interacts with one of two receptors on cells targeted for apoptosis. The apoptotic signal is transduced inside these cells by cytoplasmic adaptor proteins. The protein encoded by this gene is a death domain-containing adaptor protein that interacts with the death domain of TNF-alpha receptor 1 to activate mitogen-activated protein kinase (MAPK) and propagate the apoptotic signal. It is membrane-bound and expressed at a higher level in neoplastic cells than in normal cells. Several transcript variants encoding different isoforms have been described for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.6 kDa Accurate Molecular Mass: 34 kDa
Endotoxin	<1.0 EU per 1μg (determined by the LAL method).

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Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	MADD MAP-kinase activating death domain [Homo sapiens (human)]
Official Symbol	MADD
Synonyms	MADD; MAP-kinase activating death domain; MAP kinase-activating death domain protein; DENN; KIAA0358; RAB3GEP; Rab3 GDP/GTP exchange factor; insulinoma glucagonoma clone 20; differentially expressed in normal and neoplastic cells; IG20; FLJ35600; FLJ36300;
Gene ID	8567
mRNA Refseq	NM_001135943

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Protein Refseq	NP_001129415
MIM	603584
UniProt ID	Q8WXG6

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