

Recombinant Human DIABLO Protein, His-GST-tagged

Cat. No. DIABLO-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DIABLO Protein (1-239 aa (full-length)) with 6xHis-GST tags was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-239
Description	This gene encodes an inhibitor of apoptosis protein (IAP)-binding protein. The encoded mitochondrial protein enters the cytosol when cells undergo apoptosis, and allows activation of caspases by binding to inhibitor of apoptosis proteins. Overexpression of the encoded protein sensitizes tumor cells to apoptosis. A mutation in this gene is associated with young-adult onset of nonsyndromic deafness-64. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	56.1kDa
Purity	>90% confirmed by 10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-6xHis (WB).
Applications	ELISA, Western Blot, Antibody Production, Protein array
Quality Control Test	10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-6xHis

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	(WB) serum and peptide fingerprinting by MALDI-TOF-TOF mass spectrometry.
Storage	Store working aliquots at 4 centigrade for up to one week. For extended storage, conserve at -80 centigrade.
Expiry	12 months from the date of purchase, if it is properly stored.
Storage Buffer	Phosphate-Buffered Saline (PBS), pH 7.4. No preservatives added.
Shipping	Dry Ice

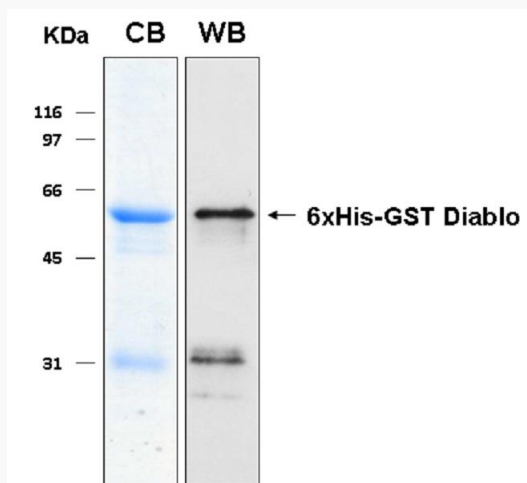
GENE INFORMATION

Gene Name	DIABLO diablo IAP-binding mitochondrial protein [Homo sapiens (human)]
Official Symbol	DIABLO
Synonyms	DIABLO; diablo IAP-binding mitochondrial protein; SMAC; DFNA64; diablo homolog, mitochondrial; diablo-like protein; direct IAP-binding protein with low pI; second mitochondria-derived activator of caspase
Gene ID	56616
mRNA Refseq	NM_019887
Protein Refseq	NP_063940
MIM	605219
UniProt ID	Q9NR28

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