

Recombinant Full Length Human TDP1 Protein, GST-tagged

Cat. No. TDP1-6799HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human TDP1 Protein (1-608 AA) is produced by Wheat Germ (in vitro) expression system. This protein is fused with a GST tag at the N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	608 amino acids
Description	Enables metalloendopeptidase activity. Involved in several processes, including HRI-mediated signaling; proteolysis; and regulation of mitochondrion organization. Located in mitochondrial inner membrane.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	92.62 kDa
AA Sequence	MSQEGDYGRWTISSSDESEEEKPKPKDPSTSSLLCARQGAANEPRYTCSEAQKAA HKRKISPVKFSNTDSVLPKRQKSGSQEDLGWCLSSSDDELQPEMPQKQAEKVVIK KEKDISAPNDGTAQR TENHGAPACHRLKEEED EYETSGEGQDIWDM LDKGNPFQF YLTRVSGVKPKYNSGALHIKDILSPLFGTLVSSAQFN YCFDVDWL VKQYPPEFRKKPI LLVHGDKREAKAHLHAQAKPYENISLCQAKLDIAFGTHHTKMMLLLYEEGLRVIHTS NLIHADWHQKTQGIWLSPLYPRIADGTHKSGESPTHFKADLISYLMAYNAPSLKEWID VIHKHDLSETNVYLIGSTPGRFQGSQKDNWGHFRLKLLKDHASSMPNAESWPVVG

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QFSSVGS LGADESKWLCSEFKESMLTLGKESKTPGKSSVPLYLIYPSVENVRTSLEG
 YPAGGSLPYSIQTAEKQNWLHSYFHKWSAETSGRSNAMPHIKTYMRPSPDFSKIAW
 FLVTSANLSKAAWGALEKNGTQLMIRSYELGVFLPSAFGLDSFKVKQKFFAGSQEP
 MATFPVPYDLPELYGSKDRPWIIWNIPYVKAPDTHGNMWVPS

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 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.

GENE INFORMATION

Gene Name

TDP1 tyrosyl-DNA phosphodiesterase 1 [Homo sapiens]

Official Symbol

TDP1

Synonyms

TDP1; tyrosyl-DNA phosphodiesterase 1; FLJ11090; SCAN1; tyr-DNA
 phosphodiesterase 1; MGC104252;

Gene ID

55775

mRNA Refseq

NM_001008744

Protein Refseq

NP_001008744

MIM


607198

UniProt ID

Q9NUW8

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