

Recombinant Full Length Human DDIT4 Protein, GST-tagged

Cat. No. DDIT4-2451HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DDIT4 full-length ORF (NP_061931.1, 1 a.a. - 232 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	232 amino acids
Description	DDIT4 (DNA Damage Inducible Transcript 4) is a Protein Coding gene. Among its related pathways are PI3K / Akt Signaling and mTOR signaling pathway (KEGG). GO annotations related to this gene include 14-3-3 protein binding. An important paralog of this gene is DDIT4L.
Molecular Mass	51.8 kDa
AA Sequence	MPSLWDRFSSSSSTSSSPSSLPRTPTPDRPPRSAWGSATREEGFDRSTSLESSDCE SLDSSNSGFGPEEDTAYLDGVSLPDFELLSDPEDEHLCANLMQLLQESLAQARLGS RRPARLLMPSQLVSQVGKELLRLAYSEPCGLRGALLDVCVEQGKSCHSVQQLALDP SLVPTFQLTLVLR LDSRLWP KIQGLFSSANSPFLPGFSQSLTLSTGFRVIKKKLYSSE QLLIEEC
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	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	DDIT4 DNA-damage-inducible transcript 4 [Homo sapiens]
Official Symbol	DDIT4
Synonyms	DDIT4; DNA-damage-inducible transcript 4; DNA damage-inducible transcript 4 protein; Dig2; FLJ20500; HIF 1 responsive RTP801; REDD 1; REDD1; RTP801; HIF-1 responsive protein RTP801; HIF-1 responsive RTP801 (RTP801); protein regulated in development and DNA damage response 1; REDD-1; RP11-442H21.1;
Gene ID	54541
mRNA Refseq	NM_019058
Protein Refseq	NP_061931
MIM	607729
UniProt ID	Q9NX09