Recombinant Human REDD1 protein

Cat. No. REDD1-2245H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human REDD1 (1 - 232 aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1 - 232 aa
Form	1M PBS (58 mM Na2HPO4, 17 mM NaH2PO4, 68 mM NaCl, pH8.0), 100 mM GSH and 1% Triton X-100, 15% glycerol.
Molecular Mass	51 kDa
AA Sequence	MPSLWDRFSSSSTSSSPSSLPRTPTPDRPPRSAWGSATREEGFDRSTSLESSDCE SLDSSNSGFGPEEDTAYLDG VSLPDFELLSDPEDEHLCANLMQLLQESLAQARLGS RRPARLLMPSQLVSQVGKELLRLAYSEPCGLRGALLDVC VEQGKSCHSVGQLALD PSLVPTFQLTLVLRLDSRLWPKIQGLFSSANSPFLPGFSQSLTLSTGFRVIKKKLYSS E QLLIEEC
Stability	Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze thaw cycles.
Shipping	The product is shipped with ice packs. Upon receipt, store it immediately at -20 centigrade to -80 centigrade.

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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
Chromosome Location	10q22.1
Pathway	Direct p53 effectors, organism-specific biosystem; mTOR signaling pathway, organism-specific biosystem; mTOR signaling pathway, organism-specific biosystem; mTOR signaling pathway, conserved biosystem;
Function	14-3-3 protein binding;

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