Recombinant Human GADD45A protein, His-SUMO-tagged

Cat. No. GADD45A-2936H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GADD45A protein(P24522)(1-165aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-165aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	34.3 kDa
AA Sequence	MTLEEFSAGEQKTERMDKVGDALEEVLSKALSQRTITVGVYEAAKLLNVDPDNVVLC LLAADEDDDRDVALQIHFTLIQAFCCENDINILRVSNPGRLAELLLLETDAGPAASEGA EQPPDLHCVLVTNPHSSQWKDPALSQLICFCRESRYMDQWVPVINLPER
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	GADD45A growth arrest and DNA-damage-inducible, alpha [Homo sapiens]
Official Symbol	GADD45A
Synonyms	GADD45A; growth arrest and DNA-damage-inducible, alpha; DDIT1; growth arrest and DNA damage-inducible protein GADD45 alpha; GADD45; DDIT-1; DNA damage-inducible transcript-1; DNA-damage-inducible transcript 1; DNA damage-inducible transcript 1 protein; growth arrest and DNA-damage-inducible 45 alpha;
Gene ID	1647
mRNA Refseq	NM_001199741
Protein Refseq	NP_001186670
MIM	126335
UniProt ID	P24522

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