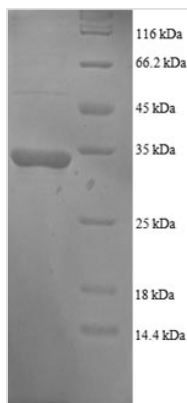




Recombinant Human Growth arrest and DNA damage-inducible protein GADD45 alpha(GADD45A)

Product Code	CSB-EP009161HU
Relevance	In T-cells, functions as a regulator of p38 MAPKs by inhibiting p88 phosphorylation and activity . Might affect PCNA interaction with some CDK (cell division protein kinase) complexes; stimulates DNA excision repair in vitro and inhibits entry of cells into S phase.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P24522
Storage Buffer	Tris-based buffer,50% glycerol
Alias	DNA damage-inducible transcript 1 protein ;DDIT-1
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MTLEEFSAAGEQKTERMDKVGDALEEVLSKALSQRTITVGVYEAAKLLNVDPDN VVLCLLAADDDDRDVALQIHFTLIQAFCCENDINILRVSNPGRRLAELLLLETDA GPAASEGAEQPPDLHCVLVTNPHSSQWKDPALSQLICFCRESRYMDQWVPVI NLPER
Research Area	Cell Cycle
Source	E.coli
Gene Names	GADD45A
Expression Region	1-165aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	34.3kDa
Protein Description	Full Length
Image	



116 kDa
66.2 kDa
45 kDa
35 kDa
25 kDa
18 kDa
14.4 kDa

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.