

Recombinant Human Growth arrest and DNA damage-inducible protein GADD45 gamma(GADD45G)

Catalog No: #AP70321

Package Size: #AP70321-1 20ug #AP70321-2 100ug #AP70321-3 1mg

Description

Product Name	Recombinant Human Growth arrest and DNA damage-inducible protein GADD45 gamma(GADD45G)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-159aaSequence Info:Full Length
Other Names	Cytokine-responsive protein CR6DNA damage-inducible transcript 2 protein ;DDIT-2
Accession No.	O95257
Calculated MW	33.1 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MTLEEVRGQDTVPESTARMQGAGKALHELLLSAQRQGCLTAGVYESAKVLNVDPDNVTFCVLAAGEEDEGDI ALQIHFTLIQAFCCENDIDIVRVGDVQRLAAIVGAGEEAGAPGDLHCILISNPNEAWKDPALEKLSLFCEESRS VNDWVPSITLPE
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Involved in the regulation of growth and apoptosis. Mediates activation of stress-responsive MTK1,MEKK4 MAPKKK.

References

A family of stress-inducible GADD45-like proteins mediate activation of the stress-responsive MTK1,MEKK4 MAPKKK.Takekawa M., Saito H.Cell 95:521-530(1998)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only and is not intended for use in humans or animals.