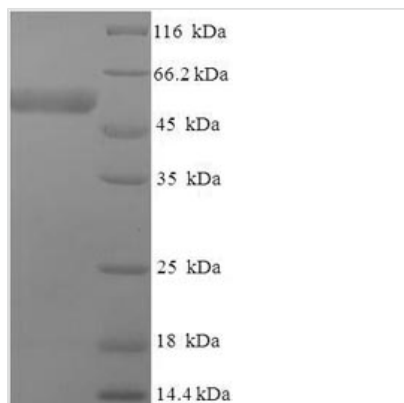




Recombinant Human Isocitrate dehydrogenase [NAD] subunit gamma, mitochondrial (IDH3G)

Product Code	CSB-EP010993HU
Abbreviation	Recombinant Human IDH3G protein
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.	P51553
Alias	Isocitric dehydrogenase subunit gammaNAD(+)-specific ICDH subunit gamma
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	FSEQTIPPSAKYGGRHTVTMIPGDGIGPELMLHVKSVFRHACVPVDFEEVHVS SNADEEDIRNAIMAIRNRVALKGNIETNHNLPSPSHKSRNNILRTSLDLYANVIH CKSLPGVVTRHKDIDILIVRENTEGEYSSLEHESVAGVVESLKIITKAKSLRIAIEY AFKLAQESGRKKVTAVHKANIMKLGDFLQCCREVAARYPQITFENMIVDNT TMQLVSRPQQFDVMVMPNLYGNIVNVCAGLVGGPGLVAGANYGHVYAVFE TATRNTGKSIANKNIANPTATLLASCMMLDHLKLHSYATSIRKAVLASMDNENM HTPDIGGQGTTSIAIQDVIRHIRVINGRAVEA
Research Area	Signal Transduction
Source	E.coli
Target Names	IDH3G
Expression Region	40-393aa
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	54.8kDa
Protein Length	Full Length of Mature Protein
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

Shelf Life

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.