



Recombinant Human GTP-binding protein 1 (GTPBP1)

Product Code	CSB-MP010031HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O00178
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	<p>MATERSRSAM DSPVPASMFA PEPSSPGAAR AAAAAARLHG GFSDSCSEEDG EALNGEPELD LTKLVLVSP TSEQYDSLRL QMWERMDEGC GETIYVIGQG SDGTEYGLSE ADMEASYATV KSMAEQIEAD VILLRERQEA GGRVRDYLVR KRVGDNDFLE VRVAVVGNVD AGKSTLLGVL THGELDNGRG FARQKLF RHK HEIESGRTSS VGNDILGFDS EGNVVNKPDS HGG SLEWTKI CEKSTKVITF IDLAGHEKYL KTTVFGMTGH LPDFCMLMVG SNAGIVGMTK EHLGLALALN VPV FVVTKI DMCPANILQE TLKLLQRLLK SPGCRKIPVL VQSKDDVIVT ASNFSSERMC PIFQISNVTG ENLDLLKMFL NLLSPRTSYR EEEPAEFQID DTYSVPGVGT VVSGTTLRGL IKLNDTLLLG PDPLGNFLSI AVKSIHRKRM PVKEVRGGQT ASFALKKIKR SSIRKGMVMV SPRLNPQASW EFEAEILVLH HPTTISPRYQ AMVHCGSIRQ TATILSMDKD CLRTGDKATV HFRFIKTPEY LHIDQRLVFR EGRTKAVGTI TKLLQTTNNS PMNSKPQQIK MQSTKKGPLT KRDEGGPSGG PAVGAPPPGD EASSVGAGQP AASSNLQPQP KPSSGGRRRG GQRHKVKSQG ACVTPASGC</p>
Source	Mammalian cell
Target Names	GTPBP1
Protein Names	Recommended name: GTP-binding protein 1 Short name= G-protein 1 Short name= GP-1 Short name= GP1
Expression Region	1-669
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This gene is upregulated by interferon-gamma and encodes a protein that is a member of the AGP11/GTPBP1 family of GTP-binding proteins. A structurally similar protein has been found in mouse, where disruption of the gene for that protein had no observable phenotype.
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.