



# Recombinant Human GTP-binding protein 1 (GTPBP1)

<b>Product Code</b>	CSB-EP010031HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O00178
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>MATERSRSAM DSPVPASMFA PEPSSPGAAR AAAAAARLHG            GFSDDCSEEDG 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 PIFQISNV TG 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>
<b>Source</b>	E.coli
<b>Target Names</b>	GTPBP1
<b>Protein Names</b>	Recommended name: GTP-binding protein 1 Short name= G-protein 1 Short name= GP-1 Short name= GP1
<b>Expression Region</b>	1-669
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.