Recombinant Human Guanine nucleotide-binding protein G (I)/G (S)/G (O) subunit gamma-T2 (GNGT2)

Product Code	CSB-EP009622HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O14610
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAQDLSEKDL LKMEVEQLKK EVKNTRIPIS KAGKEIKEYV EAQAGNDPFL KGIPEDKNPF KEKGGC
Source	E.coli
Target Names	GNGT2
Protein Names	Recommended name: Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-T2 Alternative name(s): G gamma-C G-gamma-8 G-gamma-9 Guanine nucleotide binding protein gamma transducing activity polypeptide 2
Expression Region	1-66
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	Phototransduction in rod and cone photoreceptors is regulated by groups of signaling proteins. The encoded protein is thought to play a crucial role in cone phototransduction. It belongs to the G protein gamma family and localized specifically in cones. There is evidence for use of multiple polyadenylation sites by this gene.
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.