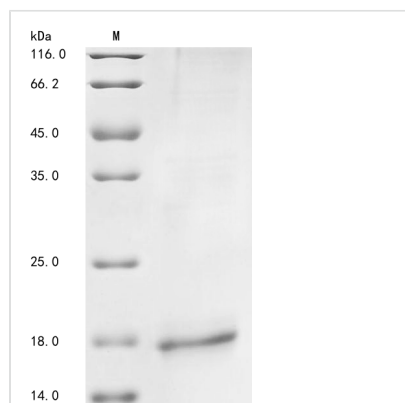




Recombinant Human Gastric inhibitory polypeptide receptor (GIPR), partial

Product Code	CSB-BP009438HU1
Abbreviation	Recombinant Human GIPR protein, partial
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.	P48546
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	RAETGSKGQTAGELYQRWERYRRECQETLAAAEPSPGLACNGSFDMYVCW DYAAPNATARASCPWYLPWHHHVAAGFVLRQCGSDGQWGLWRDHTQCENP EKNEAFLDQRLILERLQ
Research Area	Others
Source	Baculovirus
Target Names	GIPR
Protein Names	Recommended name: Gastric inhibitory polypeptide receptor Short name= GIP-R Alternative name(s): Glucose-dependent insulinotropic polypeptide receptor
Expression Region	22-138aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	17.3
Protein Length	Partial

Image



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



Description

The gene encoding the Human GIPR protein (22-138aa) is inserted into a plasmid vector to form the recombinant plasmid, which is introduced into baculovirus cells. baculovirus cells that have successfully taken up the recombinant plasmid can be selected based on their ability to survive in the presence of a specific antibiotic. The recombinant plasmid-containing baculovirus cells are cultured under conditions that promote the expression of the interested gene. The protein is fused with a N-terminal 10xHis tag and C-terminal Myc tag. After expression, the recombinant Human GIPR protein is isolated and purified from the cell lysate through affinity purification. The resulting recombinant Human GIPR protein is resolved by denaturing SDS-PAGE, allowing its purity to be estimated, greater than 85%.

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.