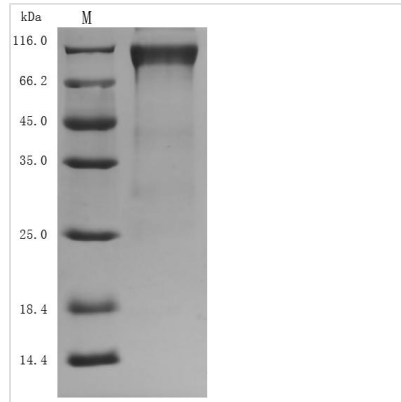


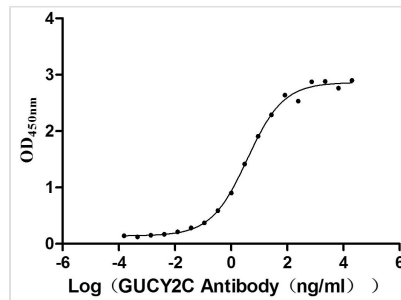


Recombinant Human Heat-stable enterotoxin receptor (GUCY2C), partial (Active)

Product Code	CSB-MP010053HUd9
Abbreviation	Recombinant Human GUCY2C protein, partial (Active)
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.	P25092
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human GUCY2C at 5 µg/mL can bind Anti-GUCY2C recombinant antibody (CSB-RA010053A2HU), the EC ₅₀ is 3.049-4.660 ng/mL.
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	SQVSNCHNGSYEISVLMMGNSAFAEPLKNLEDAVNEGLEIVRGRRLQNAGLN VTVNATFMYSGLIHNSGDCRSSTCEGLDLLRKISNAQRMGCVLIGPSCTYST FQMYLDTELSYPMISAGSFGLSCDYKETLTRLMS PARKLMYFLVNFWKTNLDP FKTYSWSTSYVYKNGTETEDCFWYLNALASVSYFSHELGFKVVLRQDKEFQ DILMDHNRKSNVIIMCGGPEFLYKLGDRAVAEDIVILVDFNDQYFEDNVTAP DYMKNVLVLTSPGNLLNSSFSRNLSPTKRDFALAYLNGILLFGHMLKIFLEN GENITTPKFAHAFRNLTFEGYDGPVTLDDWGDVDSTMVLLYTSVDTKKYKVLL TYDTHVNKTYPVDMSPTFTWKNSKLPNDITGRGPQ
Research Area	Microbiology
Source	Mammalian cell
Target Names	GUCY2C
Expression Region	24-430aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal hFc1-tagged
Mol. Weight	74.9 kDa
Protein Length	Partial
Image	



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



Activity
 Measured by its binding ability in a functional ELISA. Immobilized human GUCY2C at 5 µg/ml can bind Anti-GUCY2C recombinant antibody (CSB-RA010053A2HU), the EC₅₀ is 3.049-4.660 ng/mL.

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

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.