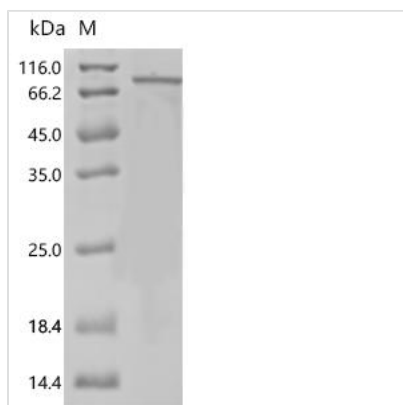




Recombinant Human Metabotropic glutamate receptor 5 (GRM5), partial

Product Code	CSB-EP009935HUa2
Abbreviation	Recombinant Human GRM5 protein, partial
Uniprot No.	P41594
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.258.
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	SSERRVVAHMPGDIIIIGALFSVHHQPTVDKVERKCGAVREQYGIQRVEAMLH TLERINSPTLLPNITLGCEIRDSCWHSVAVALEQSIEFIRDLSISSEEEGLVRCV DGSSSSFRSKKPIVGVIGPGSSSVAIQVQNLLQLFNIPQIAYSATSMDSLSDKTLF KYFMRVVPDAQQARAMVDIVKRYNWTVSAVHTEGNYGESGMEAFKDMA KEGICIAHSYKIYSNAGEQSFDKLLKLTSHLPKARVVACFCEGMTVRGLLMAM RRLGLAGEFLLLGS DGWADRYDVT DGYQREAVGGITIKLQSPDVKWFDDYYL KLRPETNHRNPWFQEFWQHRFQCRLEGFPQENSKYNKTCNSSLTLKTHHVQ DSKMGFVINAIYSMAYGLHNMQMSLCPGYAGLCDAMKPIDGRKLLSLMKTNF TGVS GDTILFDENG DSPGRYEIMNFKEMGKDYFDYINVG SWDNGELKMDDDE VWSKKSNIIRSV CSEPCEKGQIKVIRKGEVSCCWTC TPC KENEYVFDEYTCKA CQLGSWPTDDL TGC DLIPVQYLRWGDPEP
Research Area	Cancer
Source	E.coli
Target Names	GRM5
Expression Region	22-580aa
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	81.4 kDa
Protein Length	Partial

Image



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

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.