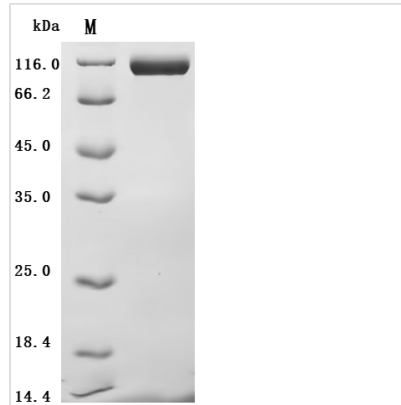


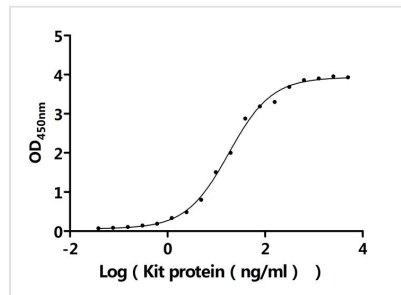


Recombinant Mouse Mast/stem cell growth factor receptor Kit (Kit), partial (Active)

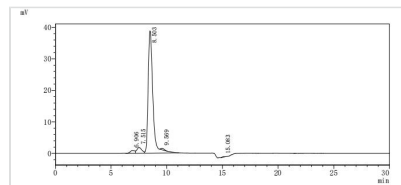
| | |
|----------------------------|---|
| Product Code | CSB-MP012375MO |
| Abbreviation | Recombinant Mouse Kit protein, partial (Active) |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, 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. | P05532-2 |
| Form | Lyophilized powder |
| Storage Buffer | Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4 |
| Product Type | Recombinant Protein |
| Immunogen Species | Mus musculus (Mouse) |
| Biological Activity | Measured by its binding ability in a functional ELISA. Immobilized Mouse Kitlg(CSB-MP012376MO1) at 2 µg/mL can bind Mouse Kit. The EC50 is 15.57-20.95 ng/mL. |
| Purity | Greater than 95% as determined by SDS-PAGE. Greater than 90% as determined by SEC-HPLC. |
| Sequence | SQPSASPGEPSPPSIHPAQSELIVEAGDTLSLTCIDPDFVRWTFKTYFNEMVEN KKNEWIQEKAEATRTGTYTCSNSNGLTSSIIYVFVRDPAKLFLVGLPLFGKEDSD ALVRCPLTDPQVSNYSLIECDGKSLPTDLTFVPNPKAGITIKNVKRAYHRLCVR CAAQRDGTWLHSDKFTLKVRAAIKAIPVVSVPETSHLLKKGDTFTVCTIKDVS TSVNSMWLKMNPQPQHIAQVKHNSWHRGDFNYERQETLTISSARVDDSGVF MCYANNTFGSANVTTTTLKVVEKGFINISPVKNTTTFVTDGENVDLVVEYEAYPK PEHQQWIYMNRTSANKGKDYVKSNDKSNIRYVNLRLRLKLGTEGGTYTFLV SNSDASASVTFNVYVNTKPEILTYDRLINGMLQCVAEGFPEPTIDWYFCTGAE QRCTTPVSPVDVQVQNVSVSPFGKLVVQSSIDSSVFRHNGTVECKASNDVGK SSAFFNFAFKEQIQIQAHT |
| Source | Mammalian cell |
| Target Names | Kit |
| Expression Region | 25-519aa |
| 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 | 84.0 kDa |
| Protein Length | Partial of Isoform 2 |
| 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 Mouse Kitlg(CSB-MP012376MO1) at 2 µg/ml can bind Mouse Kit. The EC₅₀ is 15.57-20.95 ng/mL.



The purity of Kit was greater than 90% as determined by SEC-HPLC

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.