



Recombinant Mouse Prolyl endopeptidase FAP (Fap), partial (Active)

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| Product Code | CSB-MP008424MO |
| Abbreviation | Recombinant Mouse Fap 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. | P97321 |
| 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 | <p>① Measured by its binding ability in a functional ELISA. Immobilized Mouse Fap at 2 µg/mL can bind Anti-FAP recombinant antibody (CSB-RA008424MA1HU). The EC50 is 0.7918-0.9101 ng/mL.</p> <p>② FAP Recombinant Monoclonal Antibody (CSB-RA008424MA1HU) captured on Protein A Chip can bind Recombinant Mouse Fap with an affinity constant of 1.51 nM as detected by MetaSPR Assay (WeSPRTM 200).</p> |
| Purity | Greater than 95% as determined by SDS-PAGE. |
| Sequence | <p>LRPSRVYKPEGNTKRALTLKDILNGTFSYKTYFPNWISEQEYLHQSEDDNIVFY NIETRESYIILSNSTMKSVNATDYGLSPDRQFVYLESDYSKLWRYSYTATYYIYD LQNGEFVIRGYELPRPIQYLCWSPVGSKLAYVYQNNIYLKQRPGDPPFQITYTG RENRIENGIPDWVYEEEMLATKYALWWSPDGKFLAYVEFNDSDIPIIAYSYYGD GQYPR TINIPYPKAGAKNPVVRV FIVDTTYPHVGPM EVPVPEMIASSDYYFS WLTWVSSERVCLQWLKRVQNVSVLSICDFREDWHAWEC PKNQEHVEESRTG WAGGFFVSTPAFSQDATSYKIFSDKDG YKHIHYIKDTVENAIQITSGKWEAIYI FRVTQDSL FYSSENEFEGYPGRRNIYRISIGNSPPSK KCVTCHLRKERCQYYTA SFSYKAKYYALVCYGPGLPISTLHDGR TDQEIQVLEENKELENSLRNIQLPKVEI KKLKDGG LTFWYKMILPPQFDRSKKYPLLIQVYGGPCSQSVKSVFAVNWITYL ASKEGIVIALVDGRGTAFQGD KFLHAVYRKLGVYEVEDQLTAVRKFIEMGFIDE ERIAIWGWSYGGYVSSLALASGTGLFKCGI AVAPVSSWEY YASIYSERFMGLP TKDDNLEHYKNSTVMARAEYFRNVDYLLIHGTADDNVHFQNSAQIAKALVNAQ VDFQAMWYS DQNHGISSGRSQNHLYTHMTHFLKQCFSLSD</p> |
| Source | Mammalian cell |
| Target Names | Fap |
| Expression Region | 26-761aa |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

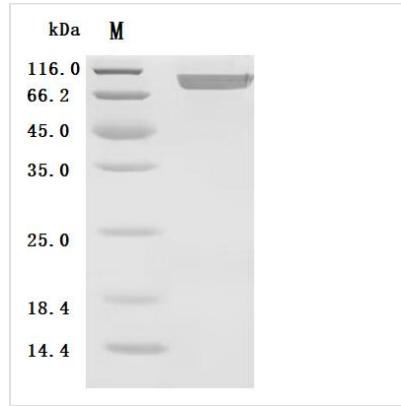


Tag Info C-terminal 10xHis-tagged

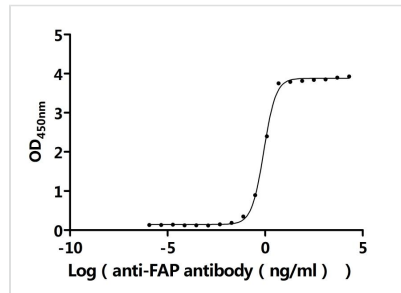
Mol. Weight 91.5 kDa

Protein Length Partial

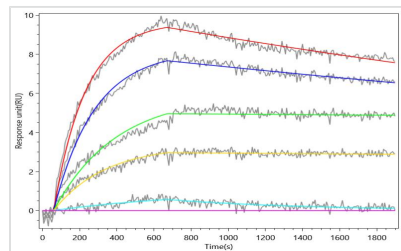
Image



(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 Mouse Fap at 2 µg/ml can bind Anti-FAP recombinant antibody (CSB-RA008424MA1HU). The EC₅₀ is 0.7918-0.9101 ng/mL.



Activity
FAP Recombinant Monoclonal Antibody (CSB-RA008424MA1HU) captured on Protein A Chip can bind Recombinant Mouse Fap with an affinity constant of 1.51 nM as detected by MetaSPR Assay (WeSPRTM 200).

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.