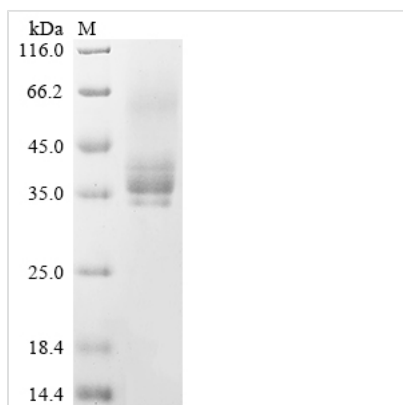


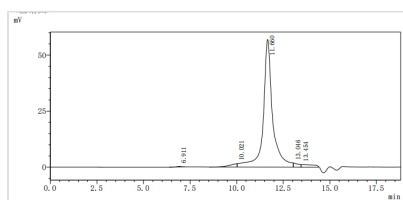


Recombinant Human Methyl-CpG-binding domain protein 2 (MBD2), partial

Product Code	CSB-YP890654HU1
Abbreviation	Recombinant Human MBD2 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.	Q9UBB5
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.
Product Type	Recombinant Human Methyl-CpG-binding domain protein 2(MBD2),partial
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE. Greater than 90% as determined by SEC-HPLC.
Sequence	ESGKRMDCPALPPGWKKEEVIRKSGLSAGKSDVYYFSPSGKKFRSKPQLARY LGNTVDLSSFDERTGKMMPKSLQKNKQRLRNDPLNQNKGKPDNLNTTLPIRQT ASIFKQPVTKVTNHPSNKKVSDPQRMNEQPRQLFWKRLQGLSASDVTEQIIK TMELPKGLQGVPKGSNDETLLSAVASALHTSSAPITGQVSAAVEKNPAVWLNT SQPLCKAFIVTDEDIRKQEERVQQVRKKLEELMADILSRAADTEEMDIEMDSG DEA
Research Area	Epigenetics and Nuclear Signaling
Source	Yeast
Target Names	MBD2
Expression Region	145-411aa
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	56.3 kDa
Protein Length	Partial
Image	



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



The purity of MBD2 was greater than 90% as determined by SEC-HPLC

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.