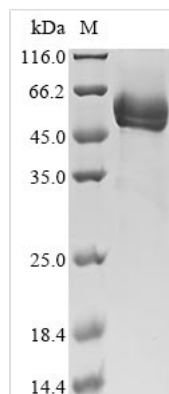




Recombinant Mouse Protein FAM3B (Fam3b)

Product Code	CSB-MP861530MO
Abbreviation	Recombinant Mouse Fam3b protein
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.	Q9D309
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 Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	ELIPDVPLSSTLYNIRSIGERPVLKAPAPKRQKCDHWSPCPPDTYAYRLLSGGG RDKYAKICFEDEVLIKEKTGNVARGINIAVVNYETGKVIATKYFDMYEGDNSGP MAKFIQSTPSKSLLFMVTHDDGSSKLKAQAKDAIEALGSKEIKNMKFRSSWVF VAAKGFLPSEIEREKINHSDQSRNRYAGWPAEIQIEGCIPKGLR
Research Area	Cytokine
Source	Mammalian cell
Target Names	Fam3b
Expression Region	30-235aa
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	51.9 kDa
Protein Length	Full Length of Mature Protein

Image



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



Description

The process for producing recombinant Mouse Fam3b protein in mammalian cells follows a sequence of steps: creating the expression vector that codes for the Mouse Fam3b protein (30-235aa), introducing it into mammalian cells, cultivating and inducing of positive cells for protein expression, lysing cells, and conducting expression analysis. The resultant recombinant Mouse Fam3b protein is purified from the cell lysate using affinity purification, with its purity exceeding 90%, as determined by SDS-PAGE.

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.