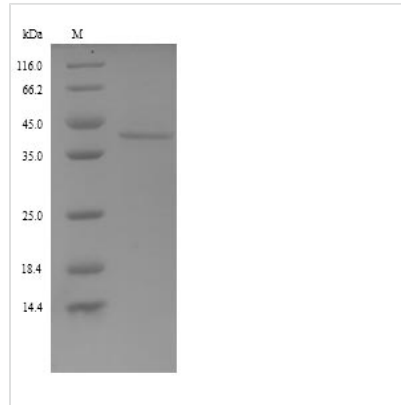




Recombinant Rat Fetuin-B (Fetub)

Product Code	CSB-YP868762RA
Relevance	Protease inhibitor required for egg fertilization. Required to prevent premature zona pellucida hardening before fertilization, probably by inhibiting the protease activity of ASTL, a protease that mediates the cleavage of ZP2 and triggers zona pellucida hardening
Abbreviation	Recombinant Rat Fetub 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.	Q9QX79
Alias	Fetuin-like protein IRL685
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	RSPPAPPLPNAPFAPLRPLGCNDSEVLAVAGFALQNINRVQKDGMYMLTLNRVH DARVHRQEDMGSLFYLMMLDVLETGCHVLSRKALKDCGPRIFYETVHGQCKAM FHVNKPRRVLYLPAYNCTLRPVSKRKIHSMCPDCPHVDLSAPSVLEAATESL AKFENSENSKQYALVKVTKATTQWVVGPSYFVEYLIKESPTQSQDSCSLQAS DSEPVGLCQGSLIKSPGVPPQRFKKTVTVSCEFFESQDQVPGGENPADTQDA KKLPQKNTAPTSSPSITAPRGSIQHLPEQEEPEDSKGKSPEEPFPVQLDLTTNP QGDTLDVVSFLYLEPEEKLVVLPFPGKEQRSPECPGPEKQRTPT
Research Area	Cardiovascular
Source	Yeast
Target Names	Fetub
Protein Names	Recommended name: Fetuin-B Alternative name(s): Fetuin-like protein IRL685
Expression Region	19-378aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	41.7kDa
Protein Length	Full Length of Mature Protein
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.