Recombinant Rat FETUB Protein (19-378 aa), His-tagged

Cat. No. FETUB-2116R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat FETUB Protein (19-378 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cardiovascular. Protein Description: Full Length of Mature Protein.
Species	Rat
Source	Yeast
ProteinLength	19-378 aa
Description	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.
Form	Tris-based buffer,50% glycerol
Molecular Mass	41.7 kDa
AA Sequence	RSPPAPPLPNAPFAPLRPLGCNDSEVLAVAGFALQNINRVQKDGYMLTLNRVHDAR VHRQEDMGSLFYLMLDVLETGCHVLSRKALKDCGPRIFYETVHGQCKAMFHVNKPR RVLYLPAYNCTLRPVSKRKIHSMCPDCPHPVDLSAPSVLEAATESLAKFNSENPSKQ YALVKVTKATTQWVVGPSYFVEYLIKESPCTQSQDSCSLQASDSEPVGLCQGSLIKS PGVPPQRFKKTVTVSCEFFESQDQVPGGENPADTQDAKKLPQKNTAPTSSPSITAP RGSIQHLPEQEEPEDSKGKSPEEPFPVQLDLTTNPQGDTLDVSFLYLEPEEKKLVVL

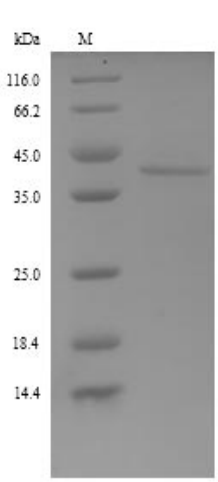
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	PFPGKEQRSPECPGPEKQRTP
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	Fetub fetuin B [Rattus norvegicus]
Official Symbol	FETUB
Synonyms	FETUB; fetuin B; fetuin-B; IRL685; fetuin beta; Fet; Pp63;
Gene ID	83928
mRNA Refseq	NM_053348
Protein Refseq	NP_445800
UniProt ID	Q9QX79

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

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