

Fetuin-B Human Recombinant

Item Number	rAP-3993
Synonyms	Fetuin-B, 16G2, Fetuin-like protein IRL685, Gugu, FETUB, IRL685.
Description	Fetuin-B Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain containing a total of 377 amino acids, having a molecular mass of 41.8kDa (calculated) though it migrates at approximately 55kDa on SDS PAGE, the Fetuin-B is also composed of a 4 a.a N-terminal linker and fused to a 6
Uniprot Accession Number	Q9UGM5
Amino Acid Sequence	HSHVCGAMSP PQLALNPSAL LSRGCNDS DV LAVAGFALRD INKDRKDG YV LRLNRVND AQ EYRRG- GLGSL FYLTLDVLET DCHVLRKKAW QDCGMRIFFE SVYGQCKAIF YMNNPSRVLY LAAYNCTLRP VSKKKIYMTC PDCPSSIPTD SSNHQVLEAA TESLAKYNN E NTSKQYSLFK VTRASSQWV V GPSYFVEY- LI KESPCTKSQA SSCSLQSSDS VPVGLCKGSL TRTHWEKFVS VTCDFESQA PATGSENSAV NQKPT- NLPKV EESQQKNTPP TDSPSKAGPR GSVQYLPDLD DKNSQEKGPQ EAFPVHDLT TNPQGETLDI SFLFLEPMEE KLVVLPFPKE KARTAECGP AQNASPLVLP PHHHHHH.
Source	HEK 293.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	FETUB filtered (0.4µm) and lyophilized from 0.5mg/ml in 0.05M phosphate buffer and 0.075M NaCl, pH 7.4. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add deionized water to a working concentration of 0.5mg/ml and let the lyophilized pellet dissolve completely. FETUB is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**