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Product Datasheet

Recombinant Human Insulin-like growth factor-binding protein 7 (IGFBP7) (Active) BYT-ORB1785331

Article Name	Recombinant Human Insulin-like growth factor-binding protein 7 (IGFBP7) (Active)
Biozol Catalog Number	BYT-ORB1785331
Supplier Catalog Number	orb1785331
Alternative Catalog Number	BYT-ORB1785331-1,BYT-ORB1785331-100,BYT-ORB1785331-20
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Recombinant Human Insulin-like growth factor-binding protein 7 (IGFBP7) spans the amino acid sequence from region 27-282aa. Purity: Greater than 90% as determined by SDS-PAGE....
Molecular Weight	55.4 kDa
UniProt	Q16270
Buffer	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Source	Homo sapiens (Human)
Purity	Greater than 95% as determined by SDS-PAGE.
Form	Lyophilized powder
Sequence	SSSDTCGPCEPASCPLPPLGCLLGETRDACGCCPMCARGEGEPCGGGGAG RGYCAPGMECVKSRKRRKKGKAGAAAGGPGVSGVCVCKSRYPVCGSDGTTYP SGCQLRAASQRAESRGEKAITQVSKGTCEQGPSIVTPPKDIWNVTGAQVYLSC EVIGIPTVLIWNKVKRGHYGVQRTELLPGDRDNLAIQTRGGPEKHEVTGWVL VSPLSKEDAGEYECHASNSQGQASASAKITVVDALHEIPVKKGEGAE

Application Notes

Biological Origin: Homo sapiens (Human). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized Human CD93 at 2 µg/mL can bind Human IGFBP7. The EC50 is 3.405-5.456 ng/mL. Application Notes: 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