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Product Datasheet

Recombinant Human Growth/differentiation factor 8 (MSTN) (Active) BYT-ORB2666706

Article Name	Recombinant Human Growth/differentiation factor 8 (MSTN) (Active)
Biozol Catalog Number	BYT-ORB2666706
Supplier Catalog Number	orb2666706
Alternative Catalog Number	BYT-ORB2666706-1,BYT-ORB2666706-100,BYT-ORB2666706-20
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Recombinant Human Growth/differentiation factor 8(MSTN) spans the amino acid sequence from region 24-375aa. Purity: Greater than 95% as determined by SDS-PAGE....
Molecular Weight	42.2 kDa
UniProt	O14793
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, pH 8.0.
Source	Homo sapiens (Human)
Purity	Greater than 95% as determined by SDS-PAGE.
Form	Lyophilized powder

Sequence	NENSEQKENVEKEGLCNACTWRQNTKSSRIEAIKIQILSKLRLETAPNISKDVIR QLLPKAPPLRELIDQYDVQRDDSSDGSLEDDDDYHATTETIITMPTESDFLMQV DGKPKCCFFKFSSKIQYNKVVKAAQLWIYLRPVETPTTVFVQILRLIKPMKDGTRY TGIRSLKLDMNPGTGIWQSIDVKTVLQNWLKQPESNLGIEIKALDENGHDLAV TFPGPGEDGLNPFLEVKVTDTPKRSRRDFGLDCDEHSTE
Application Notes	Biological Origin: Homo sapiens (Human). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized Human MSTN(GDF-8) at 2 µg/mL can bind Human ACVR2B. The EC50 is 68.26-74.59 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