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Product Datasheet

Human GDF5 protein BYT-ORB705307

Article Name	Human GDF5 protein
Biozol Catalog Number	BYT-ORB705307
Supplier Catalog Number	orb705307
Alternative Catalog Number	BYT-ORB705307-10,BYT-ORB705307-100,BYT-ORB705307-500
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Human GDF5 protein spans the amino acid sequence from region 382-501aa. Purity: > 95 % as determined by SDS-PAGE and HPLC analyses....
Molecular Weight	13.6 kDa
UniProt	P43026
Buffer	Lyophilized from a 0.2 µm filtered concentrated solution in 30 % Acetonitrile and 0.1 % TFA.
Source	Homo sapiens (Human)
Purity	> 95 % as determined by SDS-PAGE and HPLC analyses.
Form	Lyophilized powder
Sequence	APLATRQGKRPSKNLKARCSRKALHVNFKDMGWDDWIIAPLEYEAFHCEGLC EFPLRSHLEPTNHAVIQTLMNSMDPESTPPTCCVPTRLSPISILFIDSANNVYK QYEDMVVESCGR

Application Notes

Biological Origin: Homo sapiens (Human). Biological Activity: Fully biologically active when compared to standard. The ED50 as determined by inducing alkaline phosphatase production of murine ATDC5 cells is less than 1.0 µg/ml, corresponding to a specific activity of > 1000 IU/mg. 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