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Product Datasheet

Recombinant Human IGF1R/CD221 Protein ABB-RP01143

Article Name	Recombinant Human IGF1R/CD221 Protein
Biozol Catalog Number	ABB-RP01143
Supplier Catalog Number	RP01143
Alternative Catalog Number	ABB-RP01143-50UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Met1-Asn932
Product Description	This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunit...
Concentration	< 1 EU/μg of the protein by LAL method.
Molecular Weight	81 kDa(alpha chain), 23 kDa(beta chain) ,104 kDa(single chain)
NCBI	3480
UniProt	P08069
Purity	90 % as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 μm filtered solution PBS Buffer, pH 7.4.Contact us for customized product form or formulation.

Sequence	MKSGSGGGSP TSLWGLLFLSAALSLWPTS GEICGPGIDIRNDYQQLKRENT VIEGYLHILLISKAEDYRSYRFPKLT VITEYLLLFRVAGLES LGDLFPNLT VIRGWK LFYNYALVIFEMTNLKDIGLYNLRNITRG AIRIEKNADLCYLSTVDWSLILDAVSN NYIVGNKPPKECGDLCPGT MEEKPMCEKTTINNEYNYRCWTTNRCQKMCPST CGKRACTENNECCHPECLGSCSAPDNDTACVACRHYY
Target	IGF1R/CD221
Application Dilute	Lyophilized from a 0.22 µm filtered solution PBS Buffer, pH 7.4. Contact us for customized product form or formulation.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., Research Area: Bio-Markers & CD Antigens, Growth Factor, Biosimilar Drug Targets