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## Product Datasheet

### Recombinant Human Inactive tyrosine-protein kinase 7 (PTK7), partial (Active) BYT-ORB2659152

Article Name	Recombinant Human Inactive tyrosine-protein kinase 7 (PTK7), partial (Active)
Biozol Catalog Number	BYT-ORB2659152
Supplier Catalog Number	orb2659152
Alternative Catalog Number	BYT-ORB2659152-20, BYT-ORB2659152-100, BYT-ORB2659152-1
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Recombinant Human Inactive tyrosine-protein kinase 7(PTK7), partial (Active) spans the amino acid sequence from region 31-704aa. Purity: Greater than 95% as determined by SDS-PAGE....
Molecular Weight	76.0 kDa
UniProt	<a href="#">Q13308</a>
Buffer	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4.
Source	Homo sapiens (Human)
Purity	Greater than 95% as determined by SDS-PAGE.
Form	Lyophilized powder
Sequence	AIVFIKQPSSQDALQGRRALLRCEVEAPGPVHVYWL LGAPVQDTERRFAQG SSLSFAAVDRLQDSGTFCVARDVTGEEARSANASFNIKWIEAGPVVLKHP ASEAEIQPQTQVTLRCHIDGHPRPTYQWFRDGTPLSDGQSNHTVSSKERNLT LRPAGPEHSGLYSCCAHSAGQACSSQNFTLSIADESFARVVLAPQDVVARY EEAMFHQCQFSAQPPPSLQWLFEDETPTNRSRPPHLRRATVFANGS

Application Notes

Biological Origin: Homo sapiens (Human). Biological Activity: Measured by its binding ability in a functional ELISA. Immobilized Human PTK7 at 2  $\mu$ g/mL can bind Anti-PTK7 recombinant antibody. The EC50 is 0.3675 - 0.65842 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