

Product Datasheet

Recombinant Human Inactive tyrosine-protein kinase 7(PTK7), partial (Active) (orb2659152)

Description	Recombinant Human Inactive tyrosine-protein kinase 7(PTK7), partial (Active)
Endotoxins	Less than 1.0 EU/ug as determined by LAL method.
Preservatives	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4.
Form/Appearance	Lyophilized powder
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Tag	C-terminal 10xHis-tagged
Note	For research use only
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.
Protein Sequence	AIVFIKQPSSQDALQGRRALLRCEVEAPGPVHVYWLLDGAPVQDTERRFAQGSSLSFAAVD RLQDSGTFQCVARDDVTGEEARSANASFNKWI EAGPVVLKHPASEAEIQPQTQVTLRCHI DGHPRPTYQWFRDGTPLSDGQSNHTVSSKERNLTLRPAGPEHSGLYSCCAHSAFGQACSS QNFTLSIADESFARVVLAPQDVVVARYEEAMFHCQFSAQPPPSLQWLFEDETPITNRSRPPH LRRATVFANGSLLLQVRPRNAGIYRCIGQGQRGPPPILEATLHLAEIEDMPLFEPRVFTAGSE ERVTCCLPPKGLPEPSVWWEHAGVRLPHTGRVYQKGHELVLANIAESDAGVYTCHAANLAG QRRQDVNITVATVPSWLKKPQDSQLEEGKPGYLDCLTQATPKPTVVWYRNQMLISED SRFE VFKNGTLRINSVEVYDGTWYRCMSSTPAGSIEAQRVQVLEKLFKFTPPPQPPQCM EFDKEA TVPCSATGREKPTIKWERADGSSLP EWVTDNAGTLHFARVTRDDAGNYTCIASNGPQGGQI RAHVQLTVAVFITFKVEPERTTVYQGH TALLQCEAQGDPKPLIQWKGKDRILDPTKLGPRM HIFQNGSLVIHDVAPEDSGRYTCIAGNSCN IKHTEAPLYVVDKPVPEESEGGSPPPYKMIQT

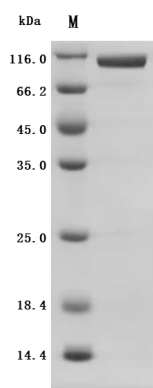
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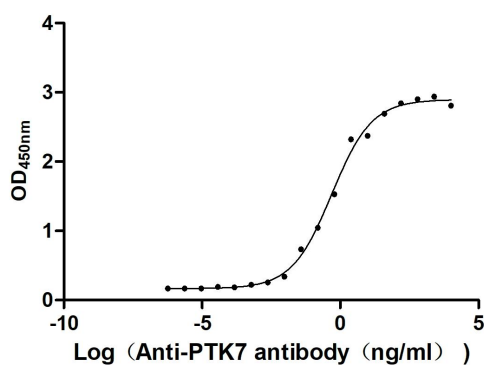
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Purity	Greater than 95% as determined by SDS-PAGE.
Source	Mammalian cell
MW	76.0 kDa
Uniprot ID	Q13308
Expiration Date	6 months from date of receipt.



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



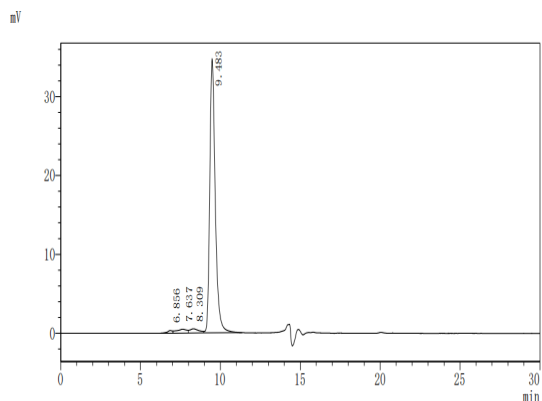
Measured by its binding ability in a functional ELISA. Immobilized Human PTK7 at 2 µg/ml can bind Anti-PTK7 recombinant antibody. The EC50 is 0.3675 - 0.65842 ng/mL.

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The purity of PTK7 was greater than 95% as determined by SEC-HPLC

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