Active Recombinant Human PAX8 Protein, His-tagged

Cat. No. PAX8-03H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PAX8 Protein(Q06710)(1-279 aa), fused with C-terminal His tag, was expressed in Mammalian cells.
Species	Human
Source	Mammalian cells
ProteinLength	1-279 aa
Form	Lyophilized from a 0.2 μm sterile filtered PBS, 6% Trehalose, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human PAX8 at 2 μg/mL can bind Anti-PAX8 recombinant antibody. The EC50 is 0.6290-0.7413 ng/mL.
Molecular Mass	31.7 kDa
AASequence	MPHNSIRSGHGGLNQLGGAFVNGRPLPEVVRQRIVDLAHQGVRPCDISRQLRVSHG CVSKILGRYYETGSIRPGVIGGSKPKVATPKVVEKIGDYKRQNPTMFAWEIRDRLLAE GVCDNDTVPSVSSINRIIRTKVQQPFNLPMDSCVATKSLSPGHTLIPSSAVTPPESPQ SDSLGSTYSINGLLGIAQPGSDKRKMDDSDQDSCRLSIDSQSSSSGPRKHLRTDAFS QHHLEPLECPFERQHYPEAYASPSHTKGEQGLYPLPLLNSTLDDGKATLT
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 95% as determined by SDS-PAGE.

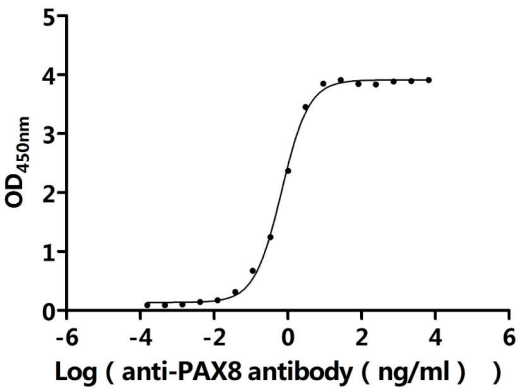
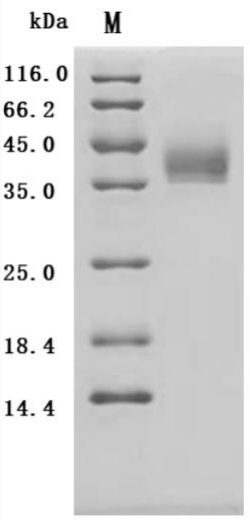
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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute 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.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_003457.1
Unit ID	Q06710
Unit ID-Weblink	https://www.uniprot.org/uniprot/Q06710

GENE INFORMATION

Gene Name	PAX8 paired box 8 [Homo sapiens]
Official Symbol	PAX8
Synonyms	PAX8; paired box 8; paired box gene 8; paired box protein Pax-8; paired domain gene 8;
Gene ID	7849
mRNA Refseq	NM_003466
protein Refseq	NP_003457
MIM	167415

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Activity	
SDS-PAGE	

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