

Recombinant Human PAX8 protein, His-tagged

Cat. No. PAX8-451H **Lot. No.** (See product label)

SPECIFICATION

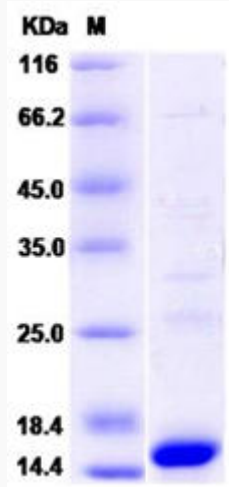
Product Overview	Recombinant Human PAX8 protein(Q06710-1) (Pro2-Ser146) was expressed in E.coli with a polyhistidine tag at the C-terminus.
Species	Human
Source	E.coli
ProteinLength	2-146 aa
Form	Lyophilized from sterile PBS, 10% Glycerol, pH 8.0.
Molecular Mass	The recombinant human PAX8 consists of 152 amino acids and predicts a molecular mass of 16.9 KDa. It migrates as an approximately 16 KDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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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
UniProt ID	Q06710
SDS-PAGE	 The SDS-PAGE gel image displays molecular weight markers on the left lane and a sample lane on the right. The markers are labeled with their respective molecular weights in kDa: 116, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4. A prominent blue band is visible in the sample lane at the 14.4 kDa position, indicating the presence of the PAX8 protein.