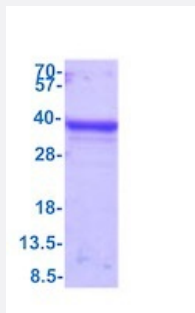


PAX8 (Human) Recombinant Protein

Catalog # P7748 Size 250 ug

Applications



SDS-PAGE analysis of PAX8 (Human) Recombinant Protein

Specification

Product Description	Human PAX8 (NP_054698, 1 a.a. - 287 a.a) partial recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMPHNSIRSGHGGLNQLGGAFFVNGRPLPEVVRQRIVDLAHQ GVRPCDISRQLRVSHGCVSKILGRYYETGSIRPGVIGGSKPKVATPKVVEKIGDYKRQNPTMFAWEI RDRLLAEGVCDNDTVPSVSSINRIIRTKVQQPFNLPMDCSVATKSLSPGHTLIPSSAVTPPESPQS DSLGSTYSINGLLGIAQPGSDKRKMDSDQDSCRLSIDSQSSSSGPRKHLRTDAFSQHHLEPLEC PFERQHYPEAYASPSHTKGEQEVNTLAMPMATPPTPTARPGASPTPAC
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	33.4
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Concentration	0.25mg/mL
Purity	> 90% by SDS-PAGE
Quality Control Testing	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain. SDS-PAGE analysis of PAX8 (Human) Recombinant Protein

Recommend Usage

SDS-PAGE

The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS, pH 7.4 (1 mM DTT, 20% glycerol).

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — PAX8

Entrez GeneID

[7849](#)

Protein Accession#

[Q06710](#)

Gene Name

PAX8

Gene Alias

-

Gene Description

paired box 8

Omim ID

[167415 218700](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a member of the paired box (PAX) family of transcription factors. Members of this gene family typically encode proteins that contain a paired box domain, an octapeptide, and a paired-type homeodomain. This nuclear protein is involved in thyroid follicular cell development and expression of thyroid-specific genes. Mutations in this gene have been associated with thyroid dysgenesis, thyroid follicular carcinomas and atypical follicular thyroid adenomas. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

Other Designations

OTTHUMP00000158659|OTTHUMP00000158660|paired domain gene 8

Pathway

- [Pathways in cancer](#)
- [Thyroid cancer](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Congenital Hypothyroidism](#)
- [Genetic Predisposition to Disease](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)