

# Recombinant Full Length Human PAX8 Protein

**Cat. No.** PAX8-360HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human PAX8 with a proprietary tag: predicted molecular weight 75.24 kDa.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	451 amino acids
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	75.240kDa inclusive of tags
<b>AA Sequence</b>	MPHNSIRSGHGGLNQLGGAFVNGRPLPEVVQRIVDLAHQGVRPCDISRQLRVSHG CVSKILGRYYETGSIRPGVIGGSKPKVATPKVVEKIGDYKRQNPTMFAWEIRDLLAE GVCDNDTVPSVSSINRIIRTKVQQPFNLPMDSCVATKSLSPGHTLIPSSAVTPPESPQ SDSLGSTYSINGLLGIAQPGSDKRKMDDSDQDSCRLSIDSQSSSSGPRKHLRRTDAFS

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QHHLEPLECPFERQHYPEAYASPSHTKGEQGLYPLLLNSTLDDGKATLTPSNTPLG  
 RNLSTHQYTPVVADPHSPFAIKQETPEVSSSSSTPSSLSSSAFLDLQQVGSVPPFN  
 AFPHAASVYGQFTGQALLSGREMGPTLPGYPPHIPTSGQGSYASSAIAGMVAGSE  
 YSGNAYGHTPYSSYSEAWRFPNSSLLSSPYYSSTSRPSAPPTTATAFDHL

**Purity** Proprietary Purification

**Storage** Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

**Storage Buffer** pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

## 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

**Gene ID** 7849

**mRNA Refseq** NM\_003466

**Protein Refseq** NP\_003457

**MIM** 167415

**UniProt ID** Q06710

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA