

Recombinant Full Length Human PAX8 Protein

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

SPECIFICATION

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

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QHHLEPLECPFERQHYPEAYASPSHTKGEQGLYPLLLNSTLDDGKATLTPSNTPLG
 RNLSTHQTPVVADPHSPFAIKQETPEVSSSSSTPSSLSSSAFLDLQQVGSGVPPFN
 AFPHAASVYGQFTGQALLSGREMGPTLPGYPPHIPTSGQGGSYASSAIAGMVAGSE
 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

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