

Product datasheet for **TP762414**

PAX8 (NM_003466) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human paired box 8 (PAX8), transcript variant PAX8A, Cys238-End, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region (Cys238-End) of PAX8
Tag:	N-His
Predicted MW:	22.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	>80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003457
Locus ID:	7849
UniProt ID:	Q06710 , R9W7C9
RefSeq Size:	4065
Cytogenetics:	2q14.1
RefSeq ORF:	1350



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Summary:

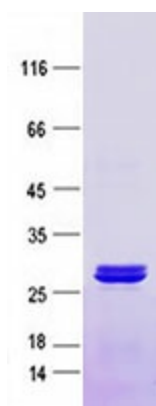
This gene encodes a member of the paired box (PAX) family of transcription factors. Members of this gene family typically encode proteins that contain a paired box domain, an octapeptide, and a paired-type homeodomain. This nuclear protein is involved in thyroid follicular cell development and expression 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, Mar 2010]

Protein Families:

Druggable Genome, Transcription Factors

Protein Pathways:

Pathways in cancer, Thyroid cancer

Product images:

Purified recombinant protein PAX8 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.