

Recombinant Human PAX4 Protein, His-tagged

Cat. No. PAX4-392H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAX4 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene is a member of the paired box (PAX) family of transcription factors. Members of this gene family typically contain a paired box domain, an octapeptide, and a paired-type homeodomain. These genes play critical roles during fetal development and cancer growth. The paired box 4 gene is involved in pancreatic islet development and mouse studies have demonstrated a role for this gene in differentiation of insulin-producing beta cells.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	36.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	PAX4 paired box 4 [Homo sapiens]
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Official Symbol	PAX4
Synonyms	PAX4; paired box 4; paired box gene 4; paired box protein Pax-4; MODY9; paired domain gene 4; KPD; MGC129960;
Gene ID	5078
mRNA Refseq	NM_006193
Protein Refseq	NP_006184
MIM	167413
UniProt ID	O43316

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