



# Recombinant Human Paired box protein Pax-4 (PAX4)

<b>Product Code</b>	CSB-MP017490HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O43316
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MHQDGISSMN QLGGFLVNGR PLPLDTRQQI VRLAVSGMRP CDISRILKVS NGCVSKILGR YYRTGVLEPK GIGGSKPRLA TPPVVARIAQ LKGECPALFA WEIQRQLCAE GLCTQDKTPS VSSINRVLRA LQEDQGLPCT RLRSPAVLAP AVLTPHSGSE TPRGTHPGTG HRNRTIFSPS QAEALEKEFQ RGQYPDSVAR GKLATATSLP EDTVRVWFSN RRAKWRRQEK LKWEMQLPGA SQGLTVPRVA PGIISAQQSP GSVPTAALPA LEPLGPSCYQ LCWATAPERC LSDTPPKACL KPCWDCGSFL LPVIAPSCVD VAWPCLDASL AHHLIGGAGK ATPTHFSHWP
<b>Source</b>	Mammalian cell
<b>Target Names</b>	PAX4
<b>Protein Names</b>	Recommended name: Paired box protein Pax-4
<b>Expression Region</b>	1-350
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.