



Recombinant Human Paired box protein Pax-4 (PAX4)

Product Code	CSB-YP017490HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43316
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	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
Source	Yeast
Target Names	PAX4
Protein Names	Recommended name: Paired box protein Pax-4
Expression Region	1-350
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	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.
Shelf Life	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.