



# Recombinant Human Paired box protein Pax-9 (PAX9)

<b>Product Code</b>	CSB-BP017495HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P55771
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MEPAFGEVNQ LGGVFNVRP LPNAIRLRIV ELAQLGIRPC DISRQLRVSH GCVSKILARY NETGSILPGA IGGSKPRVTT PTVVKHIRTY KQRDPGIFAW EIRDRLADG VCDKYNVPSV SSISRILRNK IGNLAQQGHY DSYKQHQP QPALPYNHIY SYPSPITAAA AKVPTPPGVP AIPGSVAMPR TWPSSHSVTD ILGIRSITDQ VSDSSPYHSP KVEEWSSLGR NNFPAAPHA VNGLEKGALE QEAKYGGAPN GLPAVGSFVS ASSMAPYPTP AQVSPYMTYS AAPSGYVAGH GWQHAGGTS L SPHNCDIPAS LAFKGMQAAR EGSHSVTASA L
<b>Source</b>	Baculovirus
<b>Target Names</b>	PAX9
<b>Protein Names</b>	Recommended name: Paired box protein Pax-9
<b>Expression Region</b>	1-341
<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 specific function of the paired box 9 gene is unknown but it may involve development of stratified squamous epithelia as well as various organs and skeletal elements.
<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.