Recombinant Human Paired box protein Pax-9 (PAX9)

Product Code	CSB-YP017495HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P55771
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MEPAFGEVNQ LGGVFVNGRP LPNAIRLRIV ELAQLGIRPC DISRQLRVSH GCVSKILARY NETGSILPGA IGGSKPRVTT PTVVKHIRTY KQRDPGIFAW EIRDRLLADG VCDKYNVPSV SSISRILRNK IGNLAQQGHY DSYKQHQPTP QPALPYNHIY SYPSPITAAA AKVPTPPGVP AIPGSVAMPR TWPSSHSVTD ILGIRSITDQ VSDSSPYHSP KVEEWSSLGR NNFPAAAPHA VNGLEKGALE QEAKYGQAPN GLPAVGSFVS ASSMAPYPTP AQVSPYMTYS AAPSGYVAGH GWQHAGGTSL SPHNCDIPAS LAFKGMQAAR EGSHSVTASA L
Source	Yeast
Target Names	PAX9
Protein Names	Recommended name: Paired box protein Pax-9
Expression Region	1-341
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 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.
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.