



Recombinant Human Paired box protein Pax-7 (PAX7)

Product Code	CSB-YP017493HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P23759
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAALPGTVPR MMRPAPGQNY PRTGFPLEVS TPLGQGRVNQ LGGVFINGRP LPNHIRHKIV EMAHHGIRPC VISRQLRVSH GCVSKILCRY QETGSIRPGA IGGSKPRQVA TPDVEKKIEE YKRENPGMFS WEIRDRLKLD GHCDRSTVPS GLVSSISRVL RIKFGKKEEE DEADKKEDDG EKKAKHSIDG ILGDKGNRLD EGSDVESEPD LPLKRKQRRS RTTFTAQLE ELEKAFERTH YPDIYTREEL AQRTLKTEAR VQVWFSNRRR RWRKQAGANQ LAAFNHLLPG GFPPTGMPTL PPYQLPDSTY PTTTISQDGG STVHRPQPLP PSTMHQGGLA AAAAAADTSS AYGARHSFSS YSDFSFMNPAA PSNHMNPVSN GLSPQVMSIL GNPSAVPPQP QADFSISPLH GGLDSATSIS ASCSQRADSI KPGDSLPTSQ AYCPTYSTT GYSVDPVAGY QYGQYGQSEC LVPWASPVI PSPTPRASCL FMESYKVVSG WGMSISQMEK LKSSQMEQFT
Source	Yeast
Target Names	PAX7
Protein Names	Recommended name: Paired box protein Pax-7 Alternative name(s): HuP1
Expression Region	1-520
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 7 gene is unknown but speculated to involve tumor suppression since fusion of this gene with a forkhead domain family member has been associated with alveolar rhabdomyosarcoma. Three transcript variants encoding different isoforms have been found for this gene.
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.