



Recombinant Rat Paired box protein Pax-8 (Pax8)

Product Code	CSB-EP017494RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P51974
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MPHNSIRSGH GGLNQLGGAF VNGRPLPEVV RQRIVDLAHQ GVRPCDISRQ LRVSHGCVSK ILGRYYETGS IRPGVIGGSK PKVATPKVVE KIGDYKRQNP TMFAWEIRDRLAEGVCDND TVPSVSSINR IIRTKVQQPF NLPMDSCVAT KSLSPGHTLI PSSAVTPPES PQSDSLGSTY SINGLLGIAQ PGSDNKRKMD DSDQDSCRLS IDSQSSSSGP RKHLRTDTFG QHHLEPLECP FERQHYPEAY ASPSHTKGEQ GLYPLPLLNS TLDDGKATLT PSNTPLGRNL STHQYTPVVA DPHSPYAIKQ EPELSSSSS TPSSLSSSAF LDLQQVGSGG PAGASVPPFN AFSHAASVYG QFTGQALLSG REMVGPTLPG YPPHIPTSGQ GSYASSAIAG MVAGSEYSGN AYSHTPYASY SEAWRFPNSS LLSSPYYYSS TTRPSAPPTS ATAFDHL
Source	E.coli
Target Names	Pax8
Protein Names	Recommended name: Paired box protein Pax-8
Expression Region	1-457
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 encodes a member of the paired box (PAX) family of transcription factors. Members of this gene family typically encode proteins that contain a paired box domain, an octapeptide, and a paired-type homeodomain. This nuclear protein is involved in thyroid follicular cell development and expression of thyroid-specific genes. Mutations in this gene have been associated with thyroid dysgenesis, thyroid follicular carcinomas and atypical follicular thyroid adenomas. Alternately spliced transcript variants encoding different isoforms have been described.
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.