Recombinant Human Peroxisomal membrane protein PEX14 (PEX14)

Product Code	CSB-BP017800HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75381
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	ASSEQAEQP SQPSSTPGSE NVLPREPLIA TAVKFLQNSR VRQSPLATRR AFLKKKGLTD EEIDMAFQQS GTAADEPSSL GPATQVVPVQ PPHLISQPYS PAGSRWRDYG ALAIIMAGIA FGFHQLYKKY LLPLILGGRE DRKQLERMEA GLSELSGSVA QTVTQLQTTL ASVQELLIQQ QQKIQELAHE LAAAKATTST NWILESQNIN ELKSEINSLK GLLLNRRQFP PSPSAPKIPS WQIPVKSPSP SSPAAVNHHS SSDISPVSNE STSSSPGKEG HSPEGSTVTY HLLGPQEEGE GVVDVKGQVR MEVQGEEEKR EDKEDEEDEE DDDVSHVDEE DCLGVQREDR RGGDGQINEQ VEKLRRPEGA SNESERD
Source	Baculovirus
Target Names	PEX14
Protein Names	Recommended name: Peroxisomal membrane protein PEX14 Alternative name(s): PTS1 receptor-docking protein Peroxin-14 Peroxisomal membrane anchor protein PEX14
Expression Region	2-377
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 of Mature Protein
Target Details	This gene encodes an essential component of the peroxisomal import machinery. The protein is integrated into peroxisome membranes with its C-terminus exposed to the cytosol, and interacts with the cytosolic receptor for proteins containing a PTS1 peroxisomal targeting signal. The protein also functions as a transcriptional corepressor and interacts with a histone deacetylase. A mutation in this gene results in one form of Zellweger syndrome.
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.