



# Recombinant Human Peroxisomal membrane protein PEX14 (PEX14)

<b>Product Code</b>	CSB-EP017800HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O75381
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>ASSEQAEQP SQPSSTPGSE NVLPREPLIA TAVKFLQNSR VRQSPLATRR  AFLKKKGLTD EEIDMAFQQS GTAADPESSL GPATQVVPVQ PPHLISQPYS  PAGSRWRDYG ALAIMAGIA FGFHQLYKKY LLPLILGGRE DRKQLERMEA  GLSELGSAVA QTVTQLQTTL ASVQELLIQQ QKIQELAHE LAAAKATTST  NWILESQNIN ELKSEINSLK GLLLNRRQFP PSPSAPKIPS WQIPVKSPSP  SSPAAVNHHS SSDISPVSNE STSSSPGKEG HSPEGSTVTY HLLGPQEEGE  GVVDVKGQVR MEVQGEEEEKR EDKEDEEEDDEE DDDVSHVDEE  DCLGVQREDR RGGDGGQINEQ VEKLRPEGA SNESERD</p>
<b>Source</b>	E.coli
<b>Target Names</b>	PEX14
<b>Protein Names</b>	Recommended name: Peroxisomal membrane protein PEX14 Alternative name(s): PTS1 receptor-docking protein Peroxin-14 Peroxisomal membrane anchor protein PEX14
<b>Expression Region</b>	2-377
<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 of Mature Protein
<b>Target Details</b>	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.
<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.