

Recombinant Full Length Dictyostelium Discoideum Peroxisomal Membrane Protein Pex14(Pex14) Protein, His-Tagged

Cat. No. RFL4659DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Dictyostelium discoideum Peroxisomal membrane protein PEX14(pex14) Protein (Q54C55) (1-748aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Dictyostelium Discoideum
Source	E.coli
ProteinLength	Full Length (1-748)
Form	Lyophilized powder
AA Sequence	MDNDDINNNNNNNNNNNNNNNNSQELDQQEQTQEEITKQRIQKRKEEAKRIMEERKK REQQ PPSQRQYEDVEDDQQQQPIRPIKQLPQRQQQYDDNDEPPQQQQYEPKISQ RKVPLPPMKQ PTTSTASAATGSILSPSSNFREDMVKKAVLFLNNPNVKNTALARKV AYLEKKGLTSDEV KEALKRVETGNINGSSTNNSNITQSNSISRTRNDNYGNNNNNS SNNNNNIQQQQYYQQQQ QQHQQQQQMALTQIQSYQKRLEADDQRIAQLMMNNN RFSWNSFLFSVTAIVGAASGLAYL TSNYIIPFLNGGKTNKDASANMDKKITSLQEEIHK LQSTIIQQGNDFRESTKSLKTLIEQ QQQQILQQQINSVSTTTNSATSASNSSEIVEIK KELKNLINLIGNKENSNNNSNNNSNNS NNNNGYSKYNGFNGVYNKSSYDDVSTNNN NKTNSPPSPNKPTTTTTTTTATSTPGSNISNT NKTLPPIIKTNPYSHLSWKLPDQPPVI PSWQQKSSNPPSDLSNANDKSSPSNSNPSTPT KPYQSSFNYGDVNSFVGGSNL

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NFDEKPTTTTTSTTPSNERPSSPSVNNNNNNNNNNNNNN NNNNNNNNNNNNTTIAST
 SNESNNSKVETTSNDSDKSTSPSSSSNNTTSTTATTTTITSAS TEDNKQQSDETPYS
 SDFLDVINQLKQGKTPPGIRTDIDDKPLENSTVTKSAKERPKKPWE RDTLTSVTNNL
 SVEETQTINNTDSSVEK

Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.

GENE INFORMATION

Gene Name	pex14
Synonyms	pex14; DDB_G0293264; Peroxisomal membrane protein PEX14; PTS1 receptor-docking protein; Peroxin-14
UniProt ID	Q54C55

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