

Recombinant Full Length Podospora Anserina Peroxisomal Biogenesis Factor 2(Pex2) Protein, His-Tagged

Cat. No. RFL18838PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Podospora anserina Peroxisomal biogenesis factor 2(PEX2) Protein (P51021) (1-554aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Podospora anserina (Pleurage anserina)
Source	E.coli
ProteinLength	Full Length (1-554)
Form	Lyophilized powder
AA Sequence	MSDSKPPKDSSSPSAAVPDVAAAAASSTPTPAPVAITPPSNPQSAHSFAQAQQRLIA RRQ TRDAQEAARVAAQQSESQRLRARIAASQSPLLRRLGASTLSLWDTISSREGTRP AFRVGQV DAELLDEELVELMKGQVGEAVRYYGGGGGGDNNIKHEWD AEISLALRA VIFKLTIWHDHA TYGAALQNLKYTDARHTGSVLVPPSKWQKGLYGLMTVGGRYMW SKWENWLREQDGGYDEP SPTVQRLSSMTDRLSTLHAAASFASFLVLLQGRYRTL LDRVLRMLRAPPTSQVSREVSF EYLNRLVWHAFTEFLFVLPLVGINRWRRLAR TWRKTKKIMSTTGGEGAEKKGEFAF LPERTCAICYQDQNQATNENELMAAATSKT GVVGSAQTDVTNPYETIPCGCVYCFVCLAT RIEREEGEGWNCLRCGELVKECKPW SGDVLEHESKSPAQKTVVFADDVKDASDDEQENSQ VLVQQEDDDEYPEEEEGEEG GEEEEEEEEGSRSLDLRTESASEESSEQEADSEGDESEDY EAEEEELGADLDED
Purity	Greater than 90% as determined by SDS-PAGE.

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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 multiple 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	PEX2
Synonyms	PEX2; CAR1; Peroxisomal biogenesis factor 2; Peroxin-2; Peroxisomal protein CAR1
UniProt ID	P51021

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