

Recombinant Rat PEAR1 Protein, His-tagged

Cat. No. PEAR1-1096R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat Pear1 (NP_001128431.1) (Met1-Ser752) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	Insect Cells
ProteinLength	1-752 a.a.
Predicted N Terminal	Leu 19
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat Pear1 consists 745 amino acids and predicts a molecular mass of 78.9 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Pear1 platelet endothelial aggregation receptor 1 [Rattus norvegicus]
Official Symbol	PEAR1
Synonyms	PEAR1; platelet endothelial aggregation receptor 1; RGD1305653; MGC188434;
Gene ID	295293
mRNA Refseq	NM_001134959
Protein Refseq	NP_001128431
MIM	
UniProt ID	
Function	molecular_function;

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