

## PEAR1 Protein, Rat (sf9, His)

Cat. No.:	HY-P75969
Synonyms:	Platelet endothelial aggregation receptor 1; Multiple EGF-like domains protein 12; PEAR1; MEGF12
Species:	Rat
Source:	Sf9 insect cells
Accession:	B5DEG9 (M1-S752)
Gene ID:	295293
Molecular Weight:	Approximately 78.9 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris, 500 mM NaCl, 10% Glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	PEAR1, a protein of interest, stands out due to its unique characteristic of lacking conserved residue(s) necessary for the propagation of feature annotation. This distinctive trait prompts further exploration into the structural and functional implications of PEAR1, suggesting potential variations in its molecular interactions and biological activities. The absence of conserved residues underscores the need for comprehensive investigations to unravel the specific roles and regulatory mechanisms associated with PEAR1, providing valuable insights into its contributions to cellular processes and overall biological functions.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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