

Recombinant Human PRELP

Cat. No. PRELP-371H Lot. No. (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the human PRELP (NP_002716.1) (Gln21-Ile382) was expressed with two additional amino acids (Gly & Pro) at the N-terminus.
Species	Human
Source	Human Cells
ProteinLength	Gln21-Ile382
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant human PRELP comprises 364 amino acids and has a predicted molecular mass of 41.8 kDa. The apparent molecular mass of the protein is approximately 54 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % 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 -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name	PRELP proline/arginine-rich end leucine-rich repeat protein [Homo sapiens]
Official Symbol	PRELP
Synonyms	PRELP; proline/arginine-rich end leucine-rich repeat protein; proline arginine rich end leucine rich repeat protein; prolargin; prolargin proteoglycan; SLRR2A; proline-arginine-rich end leucine-rich repeat protein; 55 kDa leucine-rich repeat protein of articular cartilage; MST161; MSTP161; MGC45323;
Gene ID	5549
mRNA Refseq	NM_002725
Protein Refseq	NP_002716
MIM	601914
UniProt ID	P51888
Chromosome Location	1q32
Function	extracellular matrix structural constituent; heparin binding;

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