

Recombinant Human PLBD1 protein, His-tagged

Cat. No. PLBD1-3777H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLBD1 protein(355-553 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	355-553 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	YMVLDLKKVKLNHSLDKGTLYIVEQIPTYVEYSEQTDVLRKGYWPSYNVPFHEKIYN WSGYPLLQKLGLDYSYDLAPRAKIFRRDQGKVTDTASMKYIMRYNNYKKDPYSRG DPCNTICCREDLNSPNPSPGGCYDTKVADIYLASQYTSYAISGPTVQGGLPVFRWD RFNKT LHQGM AEVYNFDFITMKPILKLDIK
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
	Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	PLBD1 phospholipase B domain containing 1 [Homo sapiens]
Official Symbol	PLBD1
Synonyms	PLBD1; phospholipase B domain containing 1; phospholipase B-like 1; FLJ22662; PLB homolog 1 (Dictyostelium); PLB homolog 1; LAMA-like protein 1; lamina ancestor homolog 1; putative phospholipase B-like 1; phospholipase B domain-containing protein 1;
Gene ID	79887
mRNA Refseq	NM_024829
Protein Refseq	NP_079105
UniProt ID	Q6P4A8

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