

Recombinant Human PLEC protein, GST-tagged

Cat. No. PLEC-1837H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLEC protein(1475-1768 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1475-1768 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	SETLRRMEEEEERLAEQQRAEERERLAEVEAALEKQRQLAEAHQAQAQAEREAKEL QQRMQEEVVRREEAAVDAQQKRSIQEELQQLRQSSEAEIQAKARQAEAAERSRL RIEEEIRVVRLQLEATERQRGGAEGELQALRARAEAEQAQRQAQEEAERLRRQVQ DESRKRQAEVELASRVKAEAEAAAREKQRALQALEELRLQAEAAERRLRQAEVERA RQVQVALETAQRSAAELQSKRASFAEKTAQLERSLQEEHVAVAQLREEAERRAQ QQAEAEERAREEAEREL
Purity	90%, 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

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cycles.

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

PLEC plectin [Homo sapiens]

Official Symbol

PLEC

Synonyms

PLEC; plectin; EBS1, epidermolysis bullosa simplex 1 (Ogna) , PLEC1, plectin 1, intermediate filament binding protein 500kDa , plectin 1, intermediate filament binding protein, 500kD; PCN; PLTN; plectin-1; hemidesmosomal protein 1; plectin 1, intermediate filament binding protein 500kDa; HD1; EBS1; EBSO; PLEC1; LGMD2Q; PLEC1b;

Gene ID

5339

mRNA Refseq

NM_000445

Protein Refseq

NP_000436

MIM

601282

UniProt ID

Q15149

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