

Recombinant Human PPEF1 protein, His-tagged

Cat. No. PPEF1-3062H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPEF1 protein(1-350 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-350 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	MGCSSSSTKTRRSDTSLRAALIIQNWYRGYKARLKARQHYALTIFQSIEYADEQGQM QLSTFFSFMLENYTHIHKEELELRNQSLESEQDMRDRWDYVDSIDVPDSYNGPRLQ FPLTCTDIDLLLEAFKEQQILHAHYVLEVLFFETKKVLKQMPNFTHIQTSPSKEVTICGD LHGKLLDDLFLIFYKNGLPSEPNPYVFNGDFVDRGKNSIEILMILCVSFLVYPNDLHLNR GNHEDFMMNLRYGFTKEILHKYKLHGKRILQILEEFYAWLPIGTIVDNEILVIHGGISET TDLNLLHRVERNKMKSVLIPPTETNRDHDHDTDSKHNKVGVTFNAHGRIKTNGSPTEHL TE
Purity	85%, 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

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/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 PPEF1 protein phosphatase, EF-hand calcium binding domain 1 [Homo sapiens]

Official Symbol PPEF1

Synonyms

PPEF1; protein phosphatase, EF-hand calcium binding domain 1; PPEF; serine/threonine-protein phosphatase with EF-hands 1; PPP7CA; protein phosphatase 7; catalytic subunit; alpha isozyme; serine/threonine protein phosphatase 7; serine/threonine-protein phosphatase 7; protein phosphatase with EF calcium-binding domain; protein phosphatase 7, catalytic subunit, alpha isozyme; protein phosphatase, serine/threonine type, with EF-hands; PP7; PPP7C;

Gene ID 5475

mRNA Refseq NM_006240

Protein Refseq NP_006231

MIM 300109

UniProt ID O14829

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