

Recombinant Human BPIFA2 protein, His-tagged

Cat. No. BPIFA2-3134H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BPIFA2 protein(15-123 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	15-123 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	TGTSESLLDNLGNDLSNVVDKLEPVLHEGLETVDNTLKGILEKLKVDLGVLQKSSAW QLAKQKAQEA EKLLNNVISKLLPTNTDIFGLKISNSLILDVKAEPIDDGKGL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name BPIFA2 BPI fold containing family A, member 2 [Homo sapiens]

Official Symbol BPIFA2

Synonyms BPIFA2; BPI fold containing family A, member 2; C20orf70, chromosome 20 open reading frame 70; BPI fold-containing family A member 2; bA49G10.1; PSP; SPLUNC2; parotid secretory protein; short palate, lung and nasal epithelium carcinoma associated 2; short palate, lung and nasal epithelium carcinoma-associated protein 2; C20orf70;

Gene ID 140683

mRNA Refseq NM_080574

Protein Refseq NP_542141

UniProt ID Q96DR5

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SDS-PAGE

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