

Recombinant Human API5 protein, His-tagged

Cat. No. API5-5743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human API5 protein(155-504 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	155-504 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	LSTKLKTLTPDEVLTKEVEELILTESKKVLEDVTGEEFVLFMKILSGLKSLQTVSGRQQQL VELVAEQADLEQTFNPSDPDCVDRLLQCTRQAVPLFSKNVHSTRFVTFCEQVLPN LGTLTTPVEGLDIQLEVLKLLAEMSSFCGDMEKLETNLRKLFDKLLEYMPLPPEEAEN GENAGNEEPKLQFSYVECLLYSFHQLGRKLPDFTAKLNAEKLKDFKIRLQYFARGL QVYIRQLRLALQGKTGEALKTEENKIKVVALKITNNINVLKDLFHIPPSYKSTVTLSWK PVQKVEIGQKRASEDTTSGSPPKSSAGPKRDARQIYNPPSGKYSNNLGNFNYS LQGK
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,

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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/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 [API5 apoptosis inhibitor 5 \[Homo sapiens \]](#)

Official Symbol [API5](#)

Synonyms API5; apoptosis inhibitor 5; AAC 11; AAC11; API5 like 1; API5L1; fibroblast growth factor 2 interacting factor 2; migration inducing protein MIG8; FIF; antiapoptosis clone 11 protein; migration-inducing protein MIG8; cell migration-inducing gene 8 protein; fibroblast growth factor 2-interacting factor 2; AAC-11; FLJ11587;

Gene ID [8539](#)

mRNA Refseq [NM_001142930](#)

Protein Refseq [NP_001136402](#)

MIM [609774](#)

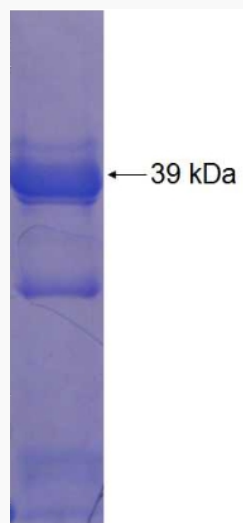
UniProt ID [Q9BZZ5](#)

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SDS-PAGE



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