

## Recombinant Human API5 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human API5 protein(155-504 aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	155-504 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 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.
<b>AASequence</b>	LSTKLKTLPDEVLTKEVEELILTESKKVLEDVTGEEFVLFMKILSGLKSLQTVSGRQQQL VELVAEQADLEQTFNPSDPDCVDRLLQCTRQAVPLFSKNVHSTRFVTFCEQVLPN LGLTTPVEGLDIQLEVLKLLAEMSSFCGDMEKLETNLRKLFDKLLEYMPLPPEEAEN GENAGNEEPKLQFSYVECLLYSFHQLGRKLPDFTAKLNAEKLKDFKIRLQYFARGL QVYIRQLRLALQGKTGEALKTEENKIKVVALKITNNINVLKDLFHIPPSYKSTVTLSWK PVQKVEIGQKRASEDTTSGSPPKSSAGPKRDARQIYNPPSGKYSNNLGNFNRYERS LQGK
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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

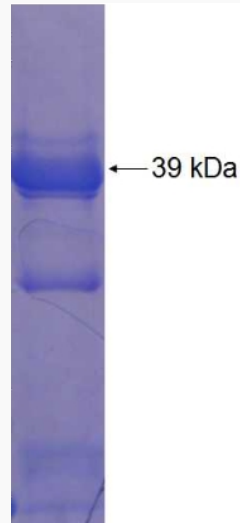
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SDS-PAGE



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