

## FAM171B Protein, Human (HEK293, His)

Cat. No.:	HY-P76914
Synonyms:	Protein FAM171B; KIAA1946; NPD019
Species:	Human
Source:	HEK293
Accession:	AAH60872 (R31-T355)
Gene ID:	165215
Molecular Weight:	Approximately 43-57 kDa due to the glycosylation.

### PROPERTIES

AA Sequence	<div> RAELSRSDLS VPGATSTLT YTKTNSTVT LPWKTRRMP DAKSQPSVQ NFLHTTGIT GSIQVSLPL VKEHNNHLI TAYHT </div> <div> LIQQQQQQQQ PVS VFMLKV SNGAVLIKVP YSSVTLSLFP SKALIKLPDN NKP GFENIEL RLNDISAGDR TYDAPHLGYW </div> <div> QQQQQQQQKQ VNDIISRQYL YKLGLSLTII QSQANIWLFE HHISNVTGYL TPLAAICVKI IPAWTFDMNT IAAPLPGTRG </div> <div> LEEAE EERTE SQAVVEVFVN AYKDG YVLT DTVLI TGKLA TVLQQ FLKVD YSGGK ELKVN GAWIN HGRGM SGINEDSKDI </div>
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	FAM171B is a widely expressed evolutionarily conserved protein. FAM171B may play a role in the progression of pulmonary hypertension by stimulating immune infiltration and immune response. FAM171B promotes tumor progression by stabilizing vimentin in the cytoplasm. FAM171B is a candidate gene for a neurodegenerative disease whose molecules have
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not yet been characterized<sup>[1][2][3]</sup>.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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