

Product datasheet for **AR51746PU-S**

FGFBP1 (24-234, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	FGFBP1 (24-234, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSKKKVKNG LHSKVSEQK DTLGNTQIQK KSRPGNKGKF VTKDQANCRW AATEQEEGIS LKVECTQLDH EFSCVFAGNP TSCLKDKDER VYWKQVARNL RSQKDICRYS KTAVKTRVCR KDFPESSLKL VSSTLFGNTK PRKEKTEMSP REHIK GKETT PSSLAVTQTM ATKAPECVED PDMANQRKTA LEFCGETWSS LCTFFLSIVQ DTSC
Tag:	His-tag
Predicted MW:	26.2 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Liquid, In Phosphate buffered saline (pH 7.4) containing 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human FGFBP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_005121
Locus ID:	9982
UniProt ID:	Q14512
Cytogenetics:	4p15.32
Synonyms:	FGF-BP; FGF-BP1; FGFBP; FGFBP-1; HBP17



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Summary:

This gene encodes a secreted fibroblast growth factor carrier protein. The encoded protein plays a critical role in cell proliferation, differentiation and migration by binding to fibroblast growth factors and potentiating their biological effects on target cells. The encoded protein may also play a role in tumor growth as an angiogenic switch molecule, and expression of this gene has been associated with several types of cancer including pancreatic and colorectal adenocarcinoma. A pseudogene of this gene is also located on the short arm of chromosome 4. [provided by RefSeq, Nov 2011]

Protein Families:

Secreted Protein

Product images: