

Product datasheet for TP761728

FGF8 (NM_033165) Human Recombinant Protein

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human fibroblast growth factor 8 (androgen-induced) (FGF8), transcript variant A, full length, with N-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length FGF8
Tag:	N-His
Predicted MW:	21.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP 149355</u>
Locus ID:	2253
UniProt ID:	<u>P55075, A1A515</u>
RefSeq Size:	987
Cytogenetics:	10q24.32
RefSeq ORF:	612
Synonyms:	AIGF; FGF-8; HBGF-8; HH6; KAL6



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GRIGENE FGF8 (NM_033165) Human Recombinant Protein – TP761728

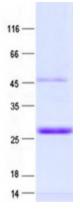
Summary:The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family.
FGF family members possess broad mitogenic and cell survival activities, and are involved in
a variety of biological processes, including embryonic development, cell growth,
morphogenesis, tissue repair, tumor growth and invasion. This protein is known to be a
factor that supports androgen and anchorage independent growth of mammary tumor cells.
Overexpression of this gene has been shown to increase tumor growth and angiogensis. The
adult expression of this gene is restricted to testes and ovaries. Temporal and spatial pattern
of this gene expression suggests its function as an embryonic epithelial factor. Studies of the
mouse and chick homologs revealed roles in midbrain and limb development, organogenesis,
embryo gastrulation and left-right axis determination. The alternative splicing of this gene
results in four transcript variants. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome, Secreted Protein

Protein Pathways: MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton

Product images:



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