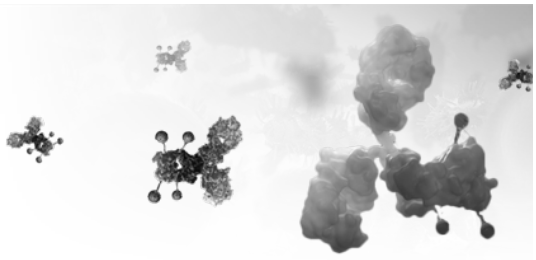

# Human FGF4 blocking peptide (CDBP1221)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

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|---|---|
| **Product Overview** | Blocking peptide for anti-FGF4 antibody |
| **Antigen Description** | 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 gene was identified by its oncogenic transforming activity. This gene and FGF3, another oncogenic growth factor, are located closely on chromosome 11. Co-amplification of both genes was found in various kinds of human tumors. Studies on the mouse homolog suggested a function in bone morphogenesis and limb development through the sonic hedgehog (SHH) signaling pathway. |
| **Species** | Human |
| **Conjugate** | Unconjugated |
| **Applications** | BL |
| **Format** | Liquid |
| **Concentration** | 200 μg/ml |
| **Size** | 50 μg |
| **Buffer** | PBS containing 0.02% sodium azide |
| **Preservative** | 0.02% Sodium Azide |
| **Storage** | Store at -20℃, stable for one year. |

## GENE INFORMATION

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|---|---|
| **Gene Name** | FGF4 fibroblast growth factor 4 [ Homo sapiens ] |
| **Official Symbol** | FGF4 |
| **Synonyms** | FGF4; fibroblast growth factor 4; heparin secretory transforming protein 1 , HSTF1; HBGF 4; HST; HST 1; human stomach cancer; transforming factor from FGF related oncogene; K FGF; kaposi sarcoma oncogene; KFGF; transforming protein KS3; FGF-4; HSTF-1; oncogene HST; heparin-binding growth factor 4; heparin secretory transforming protein 1; heparin secretory-transforming protein 1; fibroblast growth factor 4 splice isoform; human stomach cancer, transforming factor from FGF-related oncogene; HST-1; HSTF1; K-FGF; HBGF-4; |
| **Entrez Gene ID** | 2249 |
| **mRNA Refseq** | NM_002007 |
| **Protein Refseq** | NP_001998 |
| **UniProt ID** | P08620 |
| **Chromosome Location** | 11q13.3 |
| **Pathway** | Downstream signaling of activated FGFR, organism-specific biosystem; FGFR ligand binding and activation, organism-specific biosystem; FGFR1 ligand binding and activation, organism-specific biosystem; FGFR1c ligand binding and activation, organism-specific biosystem; FGFR2 ligand binding and activation, organism-specific biosystem; FGFR2c ligand binding and activation, organism-specific biosystem; FGFR3 ligand binding and activation, organism-specific biosystem; |
| **Function** | fibroblast growth factor receptor binding; growth factor activity; heparin binding; protein tyrosine kinase activity; |

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