

Recombinant Full Length Human BRINP3 Protein, GST-tagged

Cat. No. BRINP3-4622HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FAM5C full-length ORF (NP_950252.1, 1 a.a. - 766 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	766 amino acids
Description	This gene is overexpressed in pituitary tumors but is underexpressed in tongue squamous cell carcinomas, ulcerative colitis, and peri-implantitis. Polymorphisms that increase expression of this gene have been shown to increase vascular inflammation, and an association of this gene with myocardial infarction has been demonstrated. Finally, hypermethylation of this gene may find usefulness as a biomarker for gastric cancer. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]
Molecular Mass	114.8 kDa
AA Sequence	MIWRSRAGAEFLSLMALWEWIALSLHCWVLAVAAVSDQHATSPFDWLLSDKGPFH RSQEYTDVDRSRQGFSTRYKIYREFGRWKVNNLAVERRNFLGSPLPLAPEFFRNI RLLGRRPTLQQITENLIKKGTHFLLSATLGGEESLTIFVDKRKLSKRAEGSDSTTNSS SVTLETLHQLAASYFIDRDSTLRRLLHHIQIASTAIKVTETRTGPLGCSNYDNLDSVSSV LVQSPENKIQLQGLQVLLPDYQLQERFVQAALSYIACNSEGEFICKENDCWCHCGPKF PECNCPSMDIQAMEENLLRITETWKAYNSDFEESDEFKLFMKRLPMNYFLNTSTIMH

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LWTMDSNFQRRYEQLNSMKQLFLKAQKIVHKLFLSKRCHKQPLISLPRQRTSTY
 WLTRIQSFLYCNENGLLGSFSEETHSCTCPNDQVVCTAFLPCTVGDASACLTCPD
 NRTRCGTCNTGYMLSQGLCKPEVAESTDHYIGFETDLQDLEMKYLLQKTDRIEVH
 AIFISNDMRLNSWFDPSWRKRMLLTLKSNKYKSSLVHMILGLSLQICLTKNSTLEPVL
 AVYVNPFGGSHSESWFMPVNENSFPDWERTKLDLPLQCYNWTLTGNGKWKTFFET
 VHIYLRRIKSNPNNGNESIYYEPLFIDPSRNLGYMKINNIQVFGYSMHFDPEAIRDLI
 LQLDYPYTQGSQDSALLQLEIRDRVNKLSPPGQRRDLFSCLLRHRLKLSTSEVVRI
 QSALQAFNAKLPTMDYDTTKLCS

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

BRINP3 BMP/retinoic acid inducible neural specific 3 [Homo sapiens (human)]

Official Symbol

BRINP3

Synonyms

FAM5C; family with sequence similarity 5, member C; protein FAM5C; DBCCR1L;
 DBCCR1L1; DBCCR1-like protein 1; BRINP3; RP11-445K1.1; BRINP3; BMP/retinoic
 acid inducible neural specific 3

Gene ID

339479

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mRNA Refseq	NM_199051
Protein Refseq	NP_950252
MIM	618390
UniProt ID	Q76B58

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