Recombinant Human BRINP3 Protein, GST-tagged

Cat. No. BRINP3-3784H **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	Wheat Germ
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	MIWRSRAGAELFSLMALWEWIALSLHCWVLAVAAVSDQHATSPFDWLLSDKGPFH RSQEYTDFVDRSRQGFSTRYKIYREFGRWKVNNLAVERRNFLGSPLPLAPEFFRNI RLLGRRPTLQQITENLIKKYGTHFLLSATLGGEESLTIFVDKRKLSKRAEGSDSTTNSS SVTLETLHQLAASYFIDRDSTLRRLHHIQIASTAIKVTETRTGPLGCSNYDNLDSVSSV LVQSPENKIQLQGLQVLLPDYLQERFVQAALSYIACNSEGEFICKENDCWCHCGPKF PECNCPSMDIQAMEENLLRITETWKAYNSDFEESDEFKLFMKRLPMNYFLNTSTIMH LWTMDSNFQRRYEQLENSMKQLFLKAQKIVHKLFSLSKRCHKQPLISLPRQRTSTY

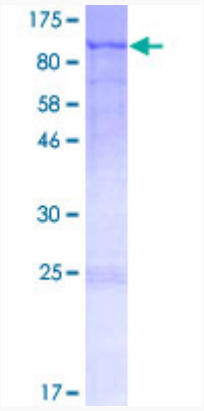
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	WLTRIQSFLYCNENGLLGSFSEETHSCTCPNDQVVCTAFLPCTVGDASACLTCAPD NRTRCGTCNTGYMLSQGLCKPEVAESTDHYIGFETDLQDLEMKYLLQKTDRRIEVH AIFISNDMRLNSWFDPSWRKRMLLTLKSNKYKSSLVHMILGLSLQICLTKNSTLEPVL AVYVNPFGGSHSESWFMPVNENSFPDWERTKLDLPLQCYNWTLTLGNKWKTFFET VHIYLRSRIKSNGPNGNESIYYEPLEFIDPSRNLGYMKINNIQVFGYSMHFDPEAIRDLI LQLDYPYTQGSQDSALLQLLEIRDRVNKLSPPGQRRLDLFSCLLRHRLKLSTSEVVRI QSALQAFNAKLPNTMDYDTTKLCS
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
UniProt ID	Q76B58
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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