

Recombinant Human BRINP3 protein, His & T7-tagged

Cat. No. BRINP3-1569H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BRINP3 aa. (Arg74~Ala264 (Accession # Q76B58)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Arg74~Ala264
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	9.7
GENE INFORMATION	
Gene Name	BRINP3 BMP/retinoic acid inducible neural specific 3 [Homo sapiens (human)]
Official Symbol	BRINP3
Synonyms	BRINP3; BMP/retinoic acid inducible neural specific 3; FAM5C; DBCCR1L; DBCCR1L1; BMP/retinoic acid-inducible neural-specific protein 3; DBCCR1-like protein 1; bone morphogenetic protein/retinoic acid inducible neural-specific 3; family with sequence similarity 5, member C; protein FAM5C
Gene ID	339479
mRNA Refseq	NM_001317188.1

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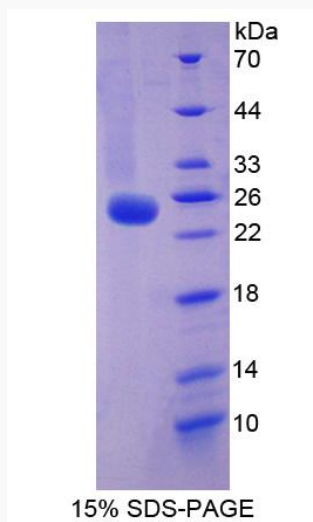
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Protein Refseq NP_001304117.1

UniProt ID Q76B58

SDS-PAGE



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