

## Recombinant Mouse Gi24 Protein, His-tagged

Cat. No. Gi24-384M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant mouse Gi24, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>Description</b>	Gi24, also known as platelet receptor Gi24, belongs to the immunoglobulin superfamily. This protein promotes both MT1-MMP expression and the MT1-MMP mediated activation of MMP-2. It supports the differentiation of embryonic stem cells (ESC) and enhances BMP-4 induced in ESC, but it is also down-regulated following BMP-4 exposure.
<b>Form</b>	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
<b>Molecular Mass</b>	18.8kDa (167aa)28-40KDa (SDS-PAGE under reducing conditions.)
<b>AA Sequence</b>	FKVTTPYSLY VCPEGQNATL TCRILGPVSK GHDVTIYKTW YLSSRGEVQM CKEHRPIRNF TLQHLQH HGS H LKANASHDQ P QKHGLELASDHHGNFSITL RNVTPRDSGL YCCLVIELKN HHPEQRFYGS MELQVQAGKG SGSTCMASNE QDSDSITAAL EHHHHHH
<b>Endotoxin</b>	< 1.0 EU per 1 microgram of protein (determined by LAL method)
<b>Purity</b>	>90% by SDS - PAGE

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**Storage** Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

**Concentration** 1mg/ml (determined by Absorbance at 280nm)

## GENE INFORMATION

**Gene Name** [4632428N05Rik RIKEN cDNA 4632428N05 gene \[ Mus musculus \]](#)

**Official Symbol** [4632428N05Rik](#)

**Synonyms** Dies1; PD-1H; VISTA; platelet receptor Gi24; differentiation of ESCs 1

**Gene ID** [74048](#)

**mRNA Refseq** [NM\\_028732](#)

**Protein Refseq** [NP\\_083008](#)

### MIM

**UniProt ID** [Q9D659](#)

**Chromosome Location** 10; 10 B4

**Function** protein binding

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