

Recombinant Mouse Gi24 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant mouse Gi24, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Mouse
Source	Insect Cells
Description	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.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	18.8kDa (167aa)28-40KDa (SDS-PAGE under reducing conditions.)
AA Sequence	FKVTTTPYSLY VCPEGQNATL TCRILGPVSK GHDVTIYKTW YLSSRGEVQM CKEHRPIRNF TLQHLQHGHGS HLANASHDQ PQKHGLELASDHHGNFSITL RNVTPRDSGL YCCLVIELKN HHPEQRFYGS MELQVQAGKG SGSTCMASNE QDSDSITAAL EHHHHHHH
Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	>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.
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Concentration	1mg/ml (determined by Absorbance at 280nm)
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GENE INFORMATION

Gene Name	4632428N05Rik RIKEN cDNA 4632428N05 gene [Mus musculus]
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Official Symbol	4632428N05Rik
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Synonyms	Dies1; PD-1H; VISTA; platelet receptor Gi24; differentiation of ESCs 1
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Gene ID	74048
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mRNA Refseq	NM_028732
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Protein Refseq	NP_083008
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MIM	
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UniProt ID	Q9D659
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Chromosome Location	10; 10 B4
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Function	protein binding
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