

AR51984PU-N

Mouse Platelet receptor Gi24 (33-191, His-tag) - Purified

Alternate names:

C10orf54, PP2135

Quantity:

0.25 mg

Concentration:

1.0 mg/ml (determined by absorbance at 280nm)

Background:

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. Recombinant mouse GI24, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Uniprot ID:

[Q9D659](#)

NCBI:

[NP_083008](#)

GeneID:

[74048](#)

Species:

Mouse

Source:

Insect cells

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Endotoxin Level: < 1.0 EU per 1 microgram of protein (determined by LAL method)

Description:
AA Sequence:

FKVTTTPYSLY VCPEGQNATL TCRILGPVSK GHDVTIYKTW YLSSRGEVQM CKEHRPIRNF
TLQHLQHHS HLANASHDQ PQKHGLELAS DHHGNFSITL RNVTPRDSGL YCCLVIELKN
HHPEQRIFYGS MELQVQAGKG SGSTCMASNE QSDSITAAL EHHHHHH

Molecular weight: 18.8 kDa (167aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

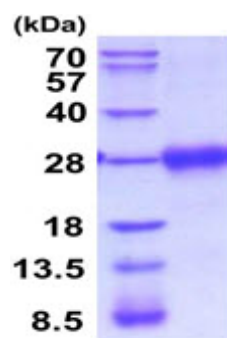
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Sakr M.A., et al. (2010) Cancer Sci. 101:2368-2374. Aloia L., et al. (2010) J. Biol. Chem. 285:7776-7783.

Pictures:



15% SDS-PAGE (3ug)