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GPI Protein (AA 1-558) (His tag)



Image



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Overview

| Quantity: | 100 μg |
|-------------------------------|--|
| Target: | GPI |
| Protein Characteristics: | AA 1-558 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This GPI protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

Product Details

| Characteristics: | GPI , 1- 558 aa, Human, His-tagged, Recombinant, E.coli |
|------------------|---|
| Purity: | > 95 % by SDS - PAGE |

Target Details

| Target: | GPI |
|-------------------|--|
| Alternative Name: | GPI (GPI Products) |
| Target Type: | Viral Protein |
| Background: | Glucose-6-phosphate isomerase, also known as GPI, belongs to the GPI family whose members encode multifunctional phosphoglucose isomerase proteins involved in energy pathways. The protein encoded by this gene is a dimeric enzyme that catalyzes the reversible isomerization of glucose-6-phosphate and fructose-6-phosphate. Mammalian GPI can function as a tumor- |

secreted cytokine and an angiogenic factor (AMF) that stimulates endothelial cell motility. GPI is also a neurotrophic factor (Neuroleukin) for spinal and sensory neurons. Recombinant human GPI, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: GPI, AMF, GNPI, NLK, PGI, PHI, SA36, EC 5.3.1.9, Neuroleukin, Phosphoglucose isomerase, Phosphohexose isomerase, SA 36, Sperm antigen 36, ATGP0348. NCBI no.: NP_000166

Molecular Weight:

65.3 kDa (578aa), confirmed by MALDI-TOF.

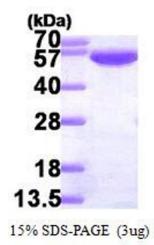
Application Details

Restrictions: For Research Use only

Handling

| Format: | Liquid |
|----------------|--|
| Concentration: | 1 mg/ml (determined by Bradford assay) |
| Buffer: | Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol |
| Storage: | 4 °C |

Images



SDS-PAGE

Image 1.