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Produktinformation

- Forschungsprodukte & Biochemikalien
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- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

IL24 (Human) Recombinant protein

Catalog Number: P8810

Regulation Status: For research use only (RUO)

Product Description: Human IL24 (Q13007) recombinant protein expressed in in yeast.

Host: Yeast

Theoretical MW (kDa): 18

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Lyophilized

Preparation Method: Yeast expression system

Purity: > 98% by SDS-PAGE.
> 98% by RP-HPLC.

Activity: Measured by the ability to bind to the cell receptor of Capan-1 cells line resulted in Stat-3 activation. The ED_{50} for this effect is typically 1.0 ng/mL, corresponding to a Specific Activity of $1x10^6$ units/mg.

Storage Buffer: Lyophilized from PBS with BSA.

Storage Instruction: Lyophilized although stable at room temperature for 3 weeks. should be stored desiccated below -20°C. Upon reconstitution should be stored at 4°C between 2-7 days and for future use below -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 11009

Gene Symbol: IL24

Gene Alias: C49A, FISP, IL-24, IL10B, MDA7, Mob-5, ST16, mda-7

Gene Summary: This gene encodes a member of the IL10 family of cytokines. It was identified as a gene induced during terminal differentiation in melanoma cells. The protein encoded by this gene can induce apoptosis selectively in various cancer cells. Overexpression of this gene leads to elevated expression of several GADD family genes, which correlates with the induction of apoptosis. The phosphorylation of mitogen-activated protein kinase 14 (MAPK7/P38), and heat shock 27kDa protein 1 (HSPB2/HSP27) are found to be induced by this gene in melanoma cells, but not in normal immortal melanocytes. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]