

# Human IL 24 Recombinant Protein



RPPB0646

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## Product Information    Protein Information

**Product SKU:**

RPPB0646

**Accession:**

Q13007

**Host:**

Sacharomyces  
cerevisiae.

**Protein description:**

Interleukin 24 human recombinant produced in yeast is a single, glycosylated, polypeptide chain containing 158 amino acids and having a molecular mass of 18 kDa. As a result of glycosylation, the protein migrates at 19.5 kDa on SDS-PAGE.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

C49A, FISP, MDA7, ST16, IL-24, IL10B, Mob-5, MDA-7, Suppression of tumorigenicity 16 protein, Melanoma differentiation-associated gene 7 protein.

**Formulation:**

Lyophilized from a 0.2µm filtered solution in PBS with BSA as a carrier.

**Purity:**

Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized IL-24 in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized MDA7 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution MDA-7 Recombinant should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Biological Activity:**

Measured by its ability to bind to the cell receptor of Capan-1 cells line resulted in Stat-3 activation. The ED<sub>50</sub> for this effect is typically 1.0 ng/ml, corresponding to a Specific Activity of 1x10<sup>6</sup> units/mg.