

Product datasheet for TP720006M

IL11 (NM_000641) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Description: Recombinant protein of human interleukin 11 (IL11), the mature peptide of Pro22-Leu199 Species: Human Pichia **Expression Host: Expression cDNA Clone** Gly23-Leu199 or AA Sequence: Tag: Tag Free Predicted MW: 19.1 kDa **Concentration:** lot specific **Purity:** >95% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl ED50 is less than 0.2 ng/ml as determined by the dose-dependent stimulation of murine **Bioactivity:** 7TD1 proliferation. Specific Activity of 8.0 x 106 IU/ mg. **Endotoxin:** < 0.1 EU per µg protein as determined by LAL test **Reconstitution Method:** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Storage: Store at -80°C. Stability: Stable for at least 6 months from date of receipt under proper storage and handling conditions. **RefSeq:** NP 000632 Locus ID: 3589 **UniProt ID:** P20809, A8K3F7 Cytogenetics: 19q13.42 Synonyms: AGIF; IL-11



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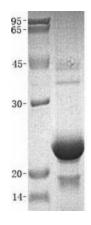
OriGene Technologies, Inc.

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Summary:	The protein encoded by this gene is a member of the gp130 family of cytokines. These cytokines drive the assembly of multisubunit receptor complexes, all of which contain at least one molecule of the transmembrane signaling receptor IL6ST (gp130). This cytokine is shown to stimulate the T-cell-dependent development of immunoglobulin-producing B cells. It is also found to support the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jun 2012]
Protein Families	Druggable Genome, Secreted Protein
Protein Pathway	s: Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Jak-STAT signaling pathway

Product images:

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