

Active Recombinant Mouse IL12a&Ebi3, HlgG1 Fc-tagged

Cat. No. IL12a&Ebi3-111M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A soluble dimeric fusion protein consisting of the extracellular domain of Mouse IL12a subunit (NP_032377.1)(Arg23-Ala215) was fused to human IgG1 Fc, and the mouse Ebi3 subunit (NP_056581.1)(Ala23-Pro228) linked to IL12a by disulfide bonds.
Species	Human
Source	CHO
ProteinLength	23-215;23-228 a.a.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Bioactivity was measured in a cell proliferation assay of Con A activated mouse splenocytes.
Molecular Mass	46kDa and 23kDa (monomer)
AA Sequence	A soluble dimeric fusion protein consisting of the extracellular domain of Mouse IL12a subunit (NP_032377.1)(Arg23-Ala215) was fused to human IgG1 Fc, and the mouse Ebi3 subunit (NP_056581.1)(Ala23-Pro228) linked to IL12a by disulfide bonds.
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" lal="">
Purity	>98%, by SDS-PAGE under reducing conditions.

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Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	Il12a&Ebi3
Official Symbol	IL35
Synonyms	p35; LI12a; IL-12a; IL-12p35; EBI-3; IL-27
Gene ID	16159 & 50498
mRNA Refseq	NM_001159424&NM_015766
Protein Refseq	NP_001152896& NP_056581

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