

Product datasheet for **TP723185**

Il12a (NM_008351) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interleukin 12a (Il12a), transcript variant 2.
Species:	Mouse
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	p35Subunit: RVIPVSGPAR CLSQSRNLLK TTDDMVKTAR ECLKHYSCTA EDIDHEDITR DQTSTLKTCL PLELHKNE SC LATRETSSTT RGSCLPQKT SLMMTLCLGS IYEDLKMYQT EFQAINAALQ NHHHQIILD KGMLVAIDEL MQSLNHNGET LRQKPPVGEA DPYRVKMKLC ILLHAFSTRV VTINRVMGYL SSA p40Subunit: MWELEKDVVY VEVDWTPDAP GETVNLCTD PEEDDITWTS DQRHGVIGSG KTLTITVKEF LDAGQYTCHK GGETLSHSHL LLHKKENGIW STEILKNFKN KTFKCEAPN YSGRFTCSWL VQRNMDLKFN IKSSSSPDS RAVTCGMASL SAEKVLTDQR DYEKYSVSCQ EDVTCPTAEE TLPIELALEA RQQNKYENYS TSFFIRDIK PDPPKNLQMK PLKNSQVEVS WEYPDSWSTP HSYFSLKFFV RIQRKKEKMK ETEEGCNQKG AFLVEKTSTE VQCKGGNVCV QAQDRYNNSS CSKWACVPCR VRS
Tag:	Tag Free
Predicted MW:	75 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Assay #1: ED50 was determined by the stimulation of IFN-gamma production by murine splenocytes co-stimulated with IL-18 is > 0.1 ng/ml, corresponding to a specific activity of > 1 x 10 ⁷ units/mg. Assay #2: Determined by its ability to stimulate the proliferation of 2D6 cells. The expected ED50 is <0.1ng/ml, corresponding to a specific activity of >1 x 10 ⁷ units/mg.
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_032377



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Locus ID:	16159
UniProt ID:	P43431 , Q549G3
RefSeq Size:	1272
Cytogenetics:	3 31.92 cM
RefSeq ORF:	645
Synonyms:	Il-12a; IL-12p35; LI12a; p35
Summary:	Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated killer cells, and stimulate the production of IFN-gamma by resting PBMC.[UniProtKB/Swiss-Prot Function]