

IL-17F/C87042, Mouse, Recombinant

Cat. No. : PCK326

General Information

Synonyms	C87042
Species	Mouse
Expression host	E.coli
Sequence	MRKNPKAGVPALQKAGNCPLEDNTVRVDIRIFNQNGISVPREFQNRSSSPWDYNITRDPHR FPSEIAEAQCRHSGCINAQGQEDSTMNSVAIQQEILVLRREPQGCSNSFRLEKMLLKVGCTCVK PIVHQAA with polyhistidine tag at the C-terminus.
Accession	Q7TNI7.1
Tag	His-tag at the C-terminus
Mol mass	15.82 kDa
Expiration date	12 months
Bio activity	Measure by its ability to induce IL-6 secretion in 3T3 cells. The ED50 for this effect is < 100 ng/mL.

Product feature

Purity	> 98% as determined by SDS-PAGE. Ni-NTA chromatography.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.
Shipping	Ice bag
Formulation	The protein was lyophilized from a 0.2 μm filtered solution containing 20 mM sodium citrate, pH 4.5.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μg/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

Background

The protein encoded by this gene is a cytokine that shares sequence similarity with IL17. This cytokine is expressed by activated T cells, and has been shown to stimulate the production of several other cytokines, including IL6, IL8, and CSF2/GM-CSF. This cytokine is also found to inhibit the angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFB1/TGFB, and monocyte chemoattractant protein-1.

SDS-PAGE

