

IL-17B/Zcyto, Mouse, Recombinant

Cat. No. : PCK332

General Information

Synonyms	1110006016Rik;1700006N07Rik;Zcyto;Zcyto7
Species	Mouse
Expression host	E.coli
Sequence	MHPRNTKGKRKGQGRPSPLAPGPHQVPLDLVSRVKPYARMEEYERNLGEMVAQLRNSSEPAK KKCEVNLQLWLSNKRSLSPWGYSINHDPSPRIADLPEARCLCLGCVNPFTMQEDRSMVSVPV FSQVPVRRRLCPQPPRPGPCRQRVVMTIAVGCTCIF with polyhistidine tag at the C-terminus.
Accession	Q9QXT6.1
Tag	His-tag at the C-terminus
Mol mass	18.99 kDa
Expiration date	12 months
Bio activity	Measure by its ability to induce IL-8 secretion in HepG2 cells. The ED50 for this effect is < 1.5 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 1 × PBS, pH 7.4.
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 interleukin (IL)-17 superfamily, a relatively new family of cytokines, consists of six ligands (from IL-17A to IL-17F), which bind to five receptor subtypes (from IL-17RA to IL-17RE) and induce downstream signaling. IL-17B Diseases associated with IL-17B include spondyloarthritis and neuronitis, and among its related super-pathways are Mucin expression in CF via IL-6, IL-17 signaling pathways, and STAT3 Pathway.

SDS-PAGE

