

Product datasheet for **TP723751**

II17f (NM_145856) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse interleukin 17F (II17f)
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Mouse IL-17F, the region of Arg29-Ala161, from gene Accession# NM_145856
Tag:	Tag Free
Predicted MW:	15 kDa
Concentration:	lot specific
Purity:	>98%, as determined by Coomassie stained SDS-PAGE.
Buffer:	10 mM NaH ₂ PO ₄ , 0.15 M NaCl, pH7.2
Bioactivity:	The ED ₅₀ is 300 to 600 ng/ml, corresponding to a specific activity of 0.16 - 0.33 x 10 ⁴ units/mg, determined by a dose dependent stimulation of fetal mouse skin fibroblasts production of CXCL1.
Endotoxin:	Less than 0.01 ng per µg protein as determined by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
RefSeq:	NP_665855
Locus ID:	257630
UniProt ID:	Q7TNI7
RefSeq Size:	1178
Cytogenetics:	1 A4
RefSeq ORF:	483
Synonyms:	C87042; IL-17F



[View online »](#)

Summary:

Ligand for IL17RA and IL17RC (PubMed:17911633). The heterodimer formed by IL17A and IL17F is a ligand for the heterodimeric complex formed by IL17RA and IL17RC (By similarity). Involved in stimulating the production of other cytokines such as IL6, IL8 and CSF2, and in regulation of cartilage matrix turnover. Also involved in stimulating the proliferation of peripheral blood mononuclear cells and T-cells and in inhibition of angiogenesis (By similarity). Plays a role in the induction of neutrophilia in the lungs and in the exacerbation of antigen-induced pulmonary allergic inflammation (PubMed:15477493).[UniProtKB/Swiss-Prot Function]