

Product datasheet for **TP728253M**

Recombinant IL-25 (Interleukin-25), Human

Product data:

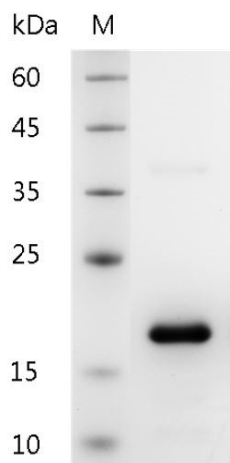
Product Type:	Recombinant Proteins
Description:	Recombinant IL-25 (Interleukin-25), Human
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MYSHWPSCCPSKQDTSEELLRWSTVPVPPLEPARPNRHPESCRASEDGPLNSRAISPWRYELDRDLNRL PQDLYHARCLCPHCVSLQTGSHMDPRGNSSELLYHNQTVFYRRPCHGEKGTHTKGYCLERRLYRVSLACVC VRPRVMG with polyhistidine tag at the C-terminus.
Tag:	His Tag (C-term)
Predicted MW:	The protein has a calculated MW of 17.68 kDa. The protein migrates as 19 kDa under reducing condition (SDS-PAGE analysis).
Purity:	>98% as determined by SDS-PAGE.
Buffer:	The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 8.0.
Bioactivity:	Measure by its ability to induce IL-8 secretion in human PBMCs. The ED ₅₀ for this effect is <5 ng/mL. Measure by its ability to induce CXCL1 secretion in HT29 cells. The ED ₅₀ for this effect is <1 ng/mL.
Endotoxin:	<0.1 EU per 1 µg of the protein by the LAL method.
Reconstitution Method:	Centrifuge at 3000 rpm for 5 mins before opening. It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution at room temperature for at least 20 mins to ensure sufficient re-dissolved. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.
Applications:	Cell culture
Storage:	Lyophilized protein should be stored at -20°C for 1 year. Upon reconstitution, store at 2°C to 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 -20°C or -80°C for 3-6 months. Avoid repeated freeze/thaw cycles.
UniProt ID:	Q9H293
Synonyms:	IL17E



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Summary:

Interleukin 25 (IL-25) is a cytokine with proinflammatory and anti-inflammatory effects, it predicts a molecular mass of 16.7 kDa. It can induce NF- κ B activation, and stimulate the production of IL-8, which is the major chemotactic substance of neutrophils.

Product images:

SDS- PAGE analysis of recombinant human IL-25