

IL5, 20-134aa, Human,His-tag, Baculovirus

Cat.NO.: TP02644

3th Edition

Synonyms:Interleukin-5, IL-5, EDF, TRF

Description:IL5, also known as interleukin-5, is a member of the hematopoietin receptor superfamily and is comprised of a cytokine-specific alpha chain and the common beta chain that is shared among these cytokines for signaling. It related hematopoietic cytokines that are important for allergic inflammation. It is a lineage-specific cytokine for eosinophilpoiesis and plays an important part in diseases associated with increased eosinophils, such as asthma. Recombinant human IL5, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:14.2kDa (124aa), 13.5-18kDa (SDS-PAGE under reducing conditions)

Sequences:

ADPIPTSEIPTSALVKETLALLSTHRTLLIANETLRIPVPVHKNHQLCTEEIFQGIGTLESQTVQGGTVERLFKNLSLIKKY
IDGQKKKCGEERRRVNQFLDYLQEFLGVMNTEWIIESHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.