

Datasheet for ABIN7505725 **IL-5 Protein (AA 1-133)**

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IL-5 (IL5)
Protein Characteristics:	AA 1-133
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant

Product Details

Sequence:	Met1-Gly133
Characteristics:	A DNA sequence encoding the Mouse IL-5 protein (P04401) (1-133) was expressed with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	<1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	IL-5 (IL5)
Alternative Name:	IL-5 (IL5 Products)
Background:	Abbreviation: IL-5 Target Synonym: Interleukin-5,IL5,B-cell growth factor II,BCGF-II,Cytotoxic T-lymphocyte inducer,Eosinophil differentiation factor,T-cell replacing factor,TRF,IL-5,II5 Background: Factor that induces terminal differentiation of late-developing B-cells to

Target Details

	immunoglobulin secreting cells.
Molecular Weight:	Calculated MW: 15 kDa Observed MW: 18-28 kDa
UniProt:	P04401
Pathways:	JAK-STAT Signaling , Positive Regulation of Peptide Hormone Secretion , Production of Molecular Mediator of Immune Response , Feeding Behaviour

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4., 5 % trehalose, 5 % mannitol, 0.01 % tween-80. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months