

Product Datasheet

Recombinant IL-5, Rat (CHO-expressed) (orb1494699)

Description	Interleukin-5 (IL-5), produced by mast cells, T cells and eosinophils, mediates the activities of eosinophil differentiating factor, B cell growth factor II and T cell-replacing factor (TRF). It can increase production and mobilization of eosinophils and CD34+ progenitors from the bone marrow. IL-5 plays an important role in inducing cell-mediated immunity against parasitic infections and certain tumors. IL-5 also promotes differentiation of basophils and primes them for histamine and leukotriene release.
Endotoxins	< 0.2 EU/μg, determined by LAL method.
Preservatives	Lyophilized after extensive dialysis against PBS.
Form/Appearance	Lyophilized after extensive dialysis against PBS.
Storage	Lyophilized recombinant Rat Interleukin-5 remains stable up to 6 months at -80°C from date of receipt. Upon reconstitution, Rat Interleukin-5 should be stable up to 1 week at 4°C or up to 2 months at -20°C.
Note	For research use only
Application notes	Reconstituted in ddH ₂ O or PBS at 100 μg/ml.
Protein Sequence	MEIPMSTVVKETLIQLSTHRALLTSNETMRLPVPTHKNHQLCIGEIFQGLDILKNQTVRGGTV EILFQNLSLIKKYIDGQ KEKCGEERRKTRHFLDYQLQEF LGVMSTEWAMEV
Purity	> 95% as analyzed by SDS-PAGE.
Source	CHO
MW	13~21 kDa, observed by reducing SDS-PAGE.
Expiration Date	6 months from date of receipt.

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