

Rat IL-12 (linked heterodimer), C-His Tag Protein

HA211345



Product name:	Rat IL-12 (linked heterodimer), C-His Tag
Species reactivity:	Rat
Bio-Activity:	Testing in progress.
Protein construction description:	A DNA sequence encoding the rat IL-12B protein (E9PU71) (Met 23-Ser 335) and human IL-12A protein (Q9R103) (Arg 23- Ser 215) linked by a GSGSSRGGSGSGGGGSK linker was expressed with a His tag at the C-terminus.
Background:	Interleukin 12 (IL-12) is a pleiotropic cytokine that plays an essential role in Th1-type immune response against cancer, a condition where cells in a particular part of the body grow and reproduce uncontrollably.
Purity:	>95% as determined by SDS-PAGE.
Endotoxin:	Less than 1.0 EU per µg by the LAL method.
Fragment region:	IL-12B(23-335)-GSGSSRGGSGSGGGGSK-IL-12A(23-215)
Source:	HEK293
Accession:	E9PU71/Q9R103
Predicted molecular mass:	60.8 kD
Formulation:	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.
Reconstitution:	Reconstitute at 250 µg/ml in sterile water.
Storage:	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

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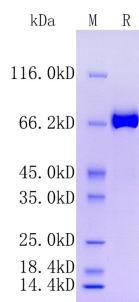


Fig1: Protein on SDS-PAGE under reducing (R) condition.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".
