

Product datasheet

Synthetic Human IP10 protein (Biotin) ab176036

Description

Product name	Synthetic Human IP10 protein (Biotin)	
Expression system	Synthetic	
Accession	P02778	
Protein length	Full length protein	
Animal free	No	
Nature	Synthetic	
Species	Human	
Sequence	VPLSRTVRCTCISISNQPVNPRSLEKLEIIPASQFCPRVEIIA TMKKKGE KRCLNPESKA IKNLLKAVSKERSKRSP-Linker- K	
Predicted molecular weight	9 kDa	
Amino acids	22 to 98	
Conjugation	Biotin	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab176036** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	HPLC
Form	Lyophilized
Additional notes	Biotin incorporated at indicated position in a molar ratio of biotin:peptide of 1:1. Linker used is 8-amino-3,6-dioxaoctanoic acid.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Lyophilized from water/acetonitrile/TFA to generate the TFA salt form.
Reconstitution	It is recommended vials be centrifuged prior to opening. Water can be used to prepare stock solutions of 20 µmol/L. Stock solutions with up to 30% DMSO/water can also be prepared.

General Info

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Function	Chemotactic for monocytes and T-lymphocytes. Binds to CXCR3.
Sequence similarities	Belongs to the intercrine alpha (chemokine CxC) family.
Post-translational modifications	CXCL10(1-73) is produced by proteolytic cleavage after secretion from keratinocytes.
Cellular localization	Secreted.

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