

Product datasheet

Recombinant Human Intrinsic Factor protein ab158518

1 Image

Overview

Product name	Recombinant Human Intrinsic Factor protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	<p>MAWFALYLLSLLWATAGTSTQTQSSCSVPSAQEPLVN GIQVLMENSVTSS AYPNPSILIAMNLAGAYNLKAQKLLTYQLMSSDNNDLTI GQLGLTIMALT SSCRDPGDKVSILQRQMENWAPSSPNAEASAFYGPS LAILALCQKNSEAT LPIAVRFAKLLANSSPFNVDTGAMATLALTCMYNKIPV GSEEGYRSLFG QVLKDIVEKISMKIKDNGIGDIYSTGLAMQALSVTPEPS KKEWNCKKTT DMILNEIKQGKFHNPMSIAQILPSLKGKTYLDVPQVTCS PDHEVQPTLPS NPGPGPTSASNITVIYINNQLRGVELLFNETINVSVKSG SVLLVVLEEA QRKNPMFKFETTMTSWGLVVSSINNAENVNHKTYWQ FLSGVTPLNEGVA DYIPFNHEHITANFTQY</p>
Amino acids	1 to 417
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab158518** in the following tested applications.

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

Applications	Western blot
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	ELISA
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Relevance	Intrinsic factor promotes absorption of the essential vitamin Cobalamin (Cbl) in the ileum by specific receptor mediated endocytosis. Defects in the gene GIF are the cause of hereditary intrinsic factor deficiency (IFD) also called congenital pernicious anemia. IFD is an autosomal recessive disorder characterized by megaloblastic anemia.
Cellular localization	Secreted

Images



ab158518 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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