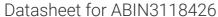
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CD163L1 Protein (AA 41-1453) (rho-1D4 tag)





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Overview

Quantity:	1 mg
Target:	CD163L1
Protein Characteristics:	AA 41-1453
Origin:	Human
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD163L1 protein is labelled with rho-1D4 tag.
Application:	Crystallization (Crys), ELISA, SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Sequence:

FNGTDLELRL VNGDGPCSGT VEVKFQGQWG TVCDDGWNTT ASTVVCKQLG CPFSFAMFRF
GQAVTRHGKI WLDDVSCYGN ESALWECQHR EWGSHNCYHG EDVGVNCYGE ANLGLRLVDG
NNSCSGRVEV KFQERWGTIC DDGWNLNTAA VVCRQLGCPS SFISSGVVNS PAVLRPIWLD
DILCQGNELA LWNCRHRGWG NHDCSHNEDV TLTCYDSSDL ELRLVGGTNR CMGRVELKIQ
GRWGTVCHHK WNNAAADVVC KQLGCGTALH FAGLPHLQSG SDVVWLDGVS CSGNESFLWD
CRHSGTVNFD CLHQNDVSVI CSDGADLELR LADGSNNCSG RVEVRIHEQW WTICDQNWKN
EQALVVCKQL GCPFSVFGSR RAKPSNEARD IWINSISCTG NESALWDCTY DGKAKRTCFR
RSDAGVICSD KADLDLRLVG AHSPCYGRLE VKYQGEWGTV CHDRWSTRNA AVVCKQLGCG
KPLHVFGMTY FKEASGPIWL DDVSCIGNES NIWDCEHSGW GKHNCVHRED VIVTCSGDAT
WGLRLVGGSN RCSGRLEVYF QGRWGTVCDD GWNSKAAAVV CSQLDCPSSI IGMGLGNAST
GYGKIWLDDV SCDGDESDLW SCRNSGWGNN DCSHSEDVGV ICSDASDMEL RLVGGSSRCA
GKVEVNVQGA VGILCANGWG MNIAEVVCRQ LECGSAIRVS REPHFTERTL HILMSNSGCT

GGEASLWDCI RWEWKQTACH LNMEASLICS AHRQPRLVGA DMPCSGRVEV KHADTWRSVC DSDFSLHAAN VLCRELNCGD AISLSVGDHF GKGNGLTWAE KFQCEGSETH LALCPIVQHP EDTCIHSREV GVVCSRYTDV RLVNGKSQCD GQVEINVLGH WGSLCDTHWD PEDARVLCRQ LSCGTALSTT GGKYIGERSV RVWGHRFHCL GNESLLDNCQ MTVLGAPPCI HGNTVSVICT GSLTQPLFPC LANVSDPYLS AVPEGSALIC LEDKRLRLVD GDSRCAGRVE IYHDGFWGTI CDDGWDLSDA HVVCQKLGCG VAFNATVSAH FGEGSGPIWL DDLNCTGMES HLWQCPSRGW GQHDCRHKED AGVICSEFTA LRLYSETETE SCAGRLEVFY NGTWGSVGRR NITTAIAGIV CRQLGCGENG VVSLAPLSKT GSGFMWVDDI QCPKTHISIW QCLSAPWERR ISSPAEETWI TCEDRIRVRG GDTECSGRVE IWHAGSWGTV CDDSWDLAEA EVVCQQLGCG SALAALRDAS FGQGTGTIWL DDMRCKGNES FLWDCHAKPW GQSDCGHKED AGVRCSGQSL KSLNASSGHL ALILSSIFGL LLLVLFILFL TWCRVQKQKH LPLRVSTRRR GSLEENLFHE METCLKREDP HGTRTSDDTP NHGCEDASDT SLLGVLPASE ATK

Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a special request, please contact us.

Characteristics:

- Made in Germany from design to production by highly experienced protein experts.
- Human CD163L1 Protein (raised in Insect Cells) purified by multi-step, protein-specific process to ensure crystallization grade.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made to order protein and will be made for the first time for your order. Our experts in the lab will ensure that you receive a correctly folded protein.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

In the unlikely event that the protein cannot be expressed or purified we do not charge anything (other companies might charge you for any performed steps in the expression process for custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression experiments or purification optimization).

When you order this made-to-order protein you will only pay upon receival of the correctly folded protein. With no financial risk on your end you can rest assured that our experienced protein experts will do everything to make sure that you receive the protein you ordered. The concentration of our recombinant proteins is measured using the absorbance at 280nm. The protein's absorbance will be measured in several dilutions and is measured against its specific reference buffer.

The concentration of the protein is calculated using its specific absorption coefficient. We use the Expasy's protparam tool to determine the absorption coefficient of each protein.

Product Details

Purification:	Three step purification of membrane proteins expressed in baculovirus infected SF9 insect
	cells:
	1. Membrane proteins are fractioned by ultracentrifugation and subsequently solubilized with
	different detergents (detergent screen). Samples are analyzed by Western blot.
	2. The best performing detergent is used for solubilization and the proteins are purified via their rho1D4 tag via two rho1D4 antibody columns: one DTT resistant, the other one not. Eluate fractions are analyzed by Western blot.
	Protein containing fractions of the best purification are subjected to second purification step.
	through size exclusion chromatograph. Eluate fractions are analyzed by SDS-PAGE and Western blot.
Purity:	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.
Sterility:	0.22 μm filtered
Endotoxin Level:	Protein is endotoxin-free.
Grade:	Crystallography grade
Target Details	
Target:	CD163L1
Alternative Name:	CD163L1 (CD163L1 Products)
Molecular Weight:	155.9 kDa Including tag.
UniProt:	Q9NR16
Application Details	
Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
	as well. As the protein has not been tested for functional studies yet we cannot offer a gurantee
	though.
Comment:	In cases in which it is highly likely that the recombinant protein with the default tag will be
	insoluble our protein lab may suggest a higher molecular weight tag (e.g. GST-tag) instead to
	increase solubility. We will discuss all possible options with you in detail to assure that you
	receive your protein of interest.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	Unlimited (if stored properly)

Images

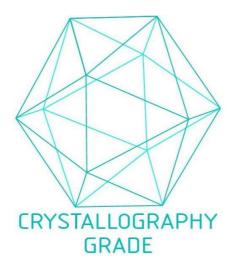


Image 1. "Crystallography Grade" protein due to multi-step, protein-specific purification process