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Datasheet for ABIN1001031

IL-6 Receptor Protein (AA 20-357) (His tag)

Overview

Quantity:	10 µg
Target:	IL-6 Receptor (IL6R)
Protein Characteristics:	AA 20-357
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL-6 Receptor protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

Product Details

Purpose:	Interleukin-6 Soluable Receptor (IL-6SR) (Western Blot Control)
Sequence:	LAPRRCPAQE VARGVLTSLP GDSVTLTCPG VEPEDNATVH LAPRRCPAQE VARGVLTSLP GDSVTLTCPG VEPEDNATVH LAPRRCPAQE VARGVLTSLP GDSVTLTCPG VEPEDNATVH LAPRRCPAQE VARGVLTSLP GDSVTLTCPG VEPEDNATVH LAPRRCPAQE VARGVLTSLP GDSVTLTCPG VEPEDNATVH LAPRRCPAQE VARGVLTSLP GDSVTLTCPG VEPEDNATVH LAPRRCPAQE VARGVLTSLP GDSVTLTCPG VEPEDNATVH LAPRRCPAQE VARGVLTSLP GDSVTLTCPG VEPEDNATVH DDNILFRDSA NATSLPVQ
Characteristics:	recombinant IL6-sR comprises a 338 amino acid fragment (20-357) corresponding to the mature IL6- sR protein and is expressed in E. coli with an aminoterminal hexahistidine tag.
Purity:	> 95 %

Target Details

Target:	IL-6 Receptor (IL6R)
Alternative Name:	Interleukin-6 Soluable Receptor (IL6R Products)
Background:	The IL-6 receptor complex is composed of two membrane glycoproteins: the low affinity receptor and the signaltransducing component. The soluble form of IL6R is found in the urine of healthy adult humans and the serum of HIV positive individuals, as well as in the cell culture supernatants of stimulated PBMC's. This soluble form of IL6R results from either proteolytic cleavage from the membrane, or an isoform derived splice variant.,IL6R-alpha, IL-6R 1, CD126 antigen, IL6RA, interleukin 6 receptor, interleukin 6 receptor alpha subunit, Interleukin6 receptor alpha chain precursor.
Molecular Weight:	42.45 kDa
UniProt:	P08887
Pathways:	JAK-STAT Signaling , Autophagy , Growth Factor Binding , Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C