

Datasheet for ABIN7607454

LIFR Protein (AA 1-833) (His tag)



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Overview

Quantity:	50 µg
Target:	LIFR
Protein Characteristics:	AA 1-833
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This LIFR protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human CD118/LIFR Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to inhibit LIF-dependent proliferation of human erythroleukemic cells (TF-1). The ED50 for this effect is typically 1-6 µg/mL in the presence of 0.3 ng/mL of rh LIF.

Target Details

Target:	LIFR
Alternative Name:	LIFR (LIFR Products)

Target Details

Background:	LIFR, LIF-R, CD118, LIF receptor, Leukemia inhibitory factor receptor
UniProt:	P42702
Pathways:	JAK-STAT Signaling , Growth Factor Binding

Application Details

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

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months