

Datasheet for ABIN7607740

ESM1 Protein (AA 20-184) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	ESM1
Protein Characteristics:	AA 20-184
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This ESM1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human ESM1 Protein, C-10*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 of the immobilized protein to support the adhesion of human acute T cell leukemia cells (Jurkat). When 1×10^5 cells/well are added to recombinant human ESM1 (Cat #: AHJ64101) coated plates, adhesion is induced in a dose dependent manner after a 1 hour incubation at 37 °C. The ED50 for this effect is 2-10 µg/mL.

Target Details

Target:	ESM1
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Target Details

Alternative Name:	ESM-1 (ESM1 Products)
Background:	ESM-1, ESM1, Endothelial cell-specific molecule 1
UniProt:	Q9NQ30
Pathways:	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