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Datasheet for ABIN1684690
EPOR Protein (C-Term, Extracellular Domain)

Overview

Quantity:	100 µg
Target:	EPOR
Protein Characteristics:	C-Term, Extracellular Domain
Origin:	Mouse
Source:	HEK-293T Cells
Protein Type:	Recombinant

Product Details

Specificity:	Optimized DNA sequence encoding extracellular domain of mouse erythropoietin receptor including a C-terminal His tag was expressed in HEK293 cells.
Characteristics:	Recombinant mouse EPO receptor is a monomer protein consisting of 37 amino acid residue subunits, due to glycosylation migrates as an approximately 35 kDa protein on SDS-PAGE.
Purity:	> 97 %, as determined by SDS-PAGE and HPLC
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/µg(1EU/µg).

Target Details

Target:	EPOR
Alternative Name:	EPOR (EPOR Products)
Background:	Monocyte Chemoattractant Proteins 4 (MCP-4/CCL13) is member of a distinct, structurally-

Target Details

related subclass of CC chemokines. MCP-4/CCL13 is a major chemoattractants for eosinophils, basophils monocytes and T lymphocytes. The MCP protein family bind to specific G-protein-coupled receptors, initiating a signal cascade within the cell. Expression of MCP-4/CCL13 mRNA and protein is greater in the sputum, epithelium, submucosal inflammatory cells and bronchoalveolar lavage fluid of asthmatics than in healthy individuals. Involvement of MCPs has also been demonstrated in renal inflammation and atopic dermatitis and the expression of this protein is also correlated with enhanced inflammatory immune responses during immunotherapy

UniProt: [P14753](#)

Pathways: [JAK-STAT Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Buffer: PBS solution, pH7.2

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C

Storage Comment: The lyophilized protein is stable for at least years from date of receipt at -20 °C. Upon reconstitution, this cytokine can be stored in working aliquots at -8 °C for one month, or at -20 °C for six months, with a carrier protein without detectable loss of activity.

Expiry Date: 12-24 months