

Recombinant Human CCL4 Protein (Met26-Asn92), GST tagged

Cat. No. CCL4-1143H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CCL4 (Met26-Asn92) fused with GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met26-Asn92
Description	Monokine with inflammatory and chemokinetic properties. Binds to CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-beta induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). The processed form MIP-1-beta (3-69) retains the abilities to induce down-modulation of surface expression of the chemokine receptor CCR5 and to inhibit the CCR5-mediated entry of HIV-1 in T-cells. MIP-1-beta (3-69) is also a ligand for CCR1 and CCR2 isoform B.
Form	Lyophilized powder/frozen liquid
Molecular Mass	33.67 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	<p>Use a manual defrost freezer and avoid repeated freeze thaw cycles.</p> <p>Store at 2 to 8 centigrade for one week.</p> <p>Store at -20 to -80 centigrade for twelve months from the date of receipt.</p>
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	CCL4 chemokine (C-C motif) ligand 4 [Homo sapiens (human)]
Official Symbol	CCL4
Synonyms	<p>CCL4; chemokine (C-C motif) ligand 4; LAG1, SCYA4, small inducible cytokine A4 (homologous to mouse Mip 1b); C-C motif chemokine 4; Act 2; AT744.1; MIP 1 beta; PAT 744; SIS-gamma; MIP-1-beta (1-69); CC chemokine ligand 4; secreted protein G-26; T-cell activation protein 2; small-inducible cytokine A4; lymphocyte-activation gene 1; G-26 T-lymphocyte-secreted protein; lymphocyte activation gene 1 protein; macrophage inflammatory protein 1-beta; small inducible cytokine A4 (homologous to mouse Mip-1b); ACT2; G-26; HC21; LAG1; LAG-1; MIP1B; SCYA2; SCYA4; MIP1B1; MIP-1-beta; MGC104418; MGC126025; MGC126026;</p>
Gene ID	6351
mRNA Refseq	NM_002984
Protein Refseq	NP_002975

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MIM	182284
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UniProt ID	P13236
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