

Recombinant Full Length *Cercocebus Atys* C-X-C Chemokine Receptor Type 4(Cxcr4) Protein, His-Tagged

Cat. No. RFL26747CF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Cercocebus atys</i> C-X-C chemokine receptor type 4(CXCR4) Protein (O62747) (1-352aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Cercocebus atys</i> (Sooty mangabey) (<i>Cercocebus torquatus atys</i>)
Source	<i>E. coli</i>
ProteinLength	Full Length (1-352)
Form	Lyophilized powder
AA Sequence	MEGISIYTS DNYTEEMGSGDYDSIKEPCFREKNAHFNRIFLPTIYSIIFLTGIVGNGLVI LVMGYQKKLRSM TDKYRLHLSVADLLFVITLPFWAVDAVANWYFGNFLCKAVHVIYT VNL YSSVLILAFISLDRYLAI VHATNSQKPRKLLAEKVVYVGVWIPALLLTIPGFIFASV SEA DDRFICDRFYPNDLWVVVFQFQHIMVGLILPGIVILSCYCIISKLSHSGHQKRK ALKT TVILILAFFACWLPYYIGISIDSFILLEI IKQGCEFENTVHKWISITEALAFFHCCLN PI LYAFLGAKFKTSAQHALTSVSRGSSLKILSKGKRGGHSSVSTESSESSSFHSS
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

 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	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
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GENE INFORMATION

Gene Name	CXCR4
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Synonyms	CXCR4; C-X-C chemokine receptor type 4; CXC-R4; CXCR-4; Fusin; Leukocyte-derived seven transmembrane domain receptor; LESTR; Stromal cell-derived factor 1 receptor; SDF-1 receptor; CD antigen CD184
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UniProt ID	O62747
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