

Recombinant Human CXCL9 protein, His & GST-tagged

Cat. No. CXCL9-1980H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CXCL9 aa. (Thr23~Thr125 (Accession # Q07325)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Thr23~Thr125
Description	This antimicrobial gene encodes a protein thought to be involved in T cell trafficking. The encoded protein binds to C-X-C motif chemokine 3 and is a chemoattractant for lymphocytes but not for neutrophils.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 44.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 9.3.
Applications	SDS-PAGE; WB; ELISA; IP.

 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

Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	CXCL9 C-X-C motif chemokine ligand 9 [Homo sapiens (human)]
Official Symbol	CXCL9
Synonyms	Cyp11b1; cytochrome P450, family 11, subfamily b, polypeptide 1; Cp11ba; RATCP11BA; cytochrome P450 11B1, mitochondrial; CYPXIB1; Cytochrome P450, subfamily XIB, polypeptide 1 (steroid 11-beta-hydroxylase); P450(11 beta)-DS; P450C11; aldosterone synthase; cytochrome P450(11 beta)-DS; cytochrome P450, subfamily 11B, polypeptide 1; cytochrome P450C11; steroid 11-beta-hydroxylase
Gene ID	4283
mRNA Refseq	NM_002416.2
Protein Refseq	NP_002407.1

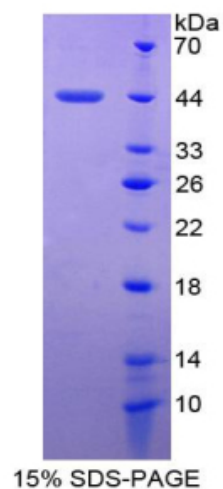
 Tel: 1-631-559-9269 1-516-512-3133

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

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

UniProt ID

Q07325



SDS-PAGE

 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