

Datasheet for ABIN2830025 **CXCL6 Protein**



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Overview

Quantity:	100 µg
Target:	CXCL6
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Functional Studies (Func)

Product Details

Sequence:	VLTELRTCL RVTLRVNPKT IGKLQVFPAG PQCSKVEVVA SLKNGKQVCL DPEAPFLKKV IQKILDSGNK KN
Characteristics:	Biological Activity: Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human neutrophils is in a concentration range of 10-50 ng/mL.
Purity:	>98 % as determined by SDS-PAGE and HPLC.
Sterility:	0.2 µm filtered

Target Details

Target:	CXCL6
Alternative Name:	CXCL6 (CXCL6 Products)
Background:	Relevance: Chemotactic for neutrophil granulocytes. Signals through binding and activation of

Target Details

its receptors (CXCR1 and CXCR2). In addition to its chemotactic and angiogenic properties, it has strong antibacterial activity against Gram-positive and Gram-negative bacteria (90-fold-higher when compared to CXCL5 and CXCL7). {ECO:0000269|PubMed:18443119, ECO:0000269|PubMed:8399143, ECO:0000269|PubMed:8423327, ECO:0000269|PubMed:9057843}.

Synonyms: Chemokine alpha 3, Granulocyte chemotactic protein 2, GCP-2, Small-inducible cytokine B6,

Molecular Weight: 7.9 kDa

UniProt: [P80162](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C
