

CCR9 Protein, Human (GST)

Cat. No.:	HY-P700544
Synonyms:	chemokine (C-C motif) receptor 9; GPR28; C-C chemokine receptor type 9; CDw199; GPR 9 6; G protein-coupled receptor 28; GPR-9-6; CC-CKR-9;
Species:	Human
Source:	E. coli
Accession:	P51686 (M1-S48)
Gene ID:	10803
Molecular Weight:	33 kDa

PROPERTIES

AA Sequence	M T P T D F T S P I P N M A D D Y G S E S T S S M E D Y V N F N F T D F Y C E K N N V R Q F A S
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, 6% Trehalose, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The CCR9 Protein functions as a receptor for the chemokine SCYA25/TECK, leading to the transduction of a signal that increases intracellular calcium ion levels. In the context of microbial infection, it acts as an alternative coreceptor with CD4 for HIV-1, contributing to the infection process.
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Caution: Product has not been fully validated for medical applications. For research use only.

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