

Datasheet for ABIN7607317

Complement Factor H Protein (CFH) (AA 26-262) (His tag)



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Overview

Quantity:	50 µg
Target:	Complement Factor H (CFH)
Protein Characteristics:	AA 26-262
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Complement Factor H protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human GZMA/Granzyme A Protein, C-10*His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to cleave a colorimetric peptide substrate, N-carbobenzyl-oxy-Gly-ArgThioBenzyl ester (Z-GR-SBzl), in the presence of 5,5'Dithio-bis (2-nitrobenzoic acid) (DTNB). The specific activity is >5,000 pmol/min/µg, as measured under the described conditions.

Target Details

Target:	Complement Factor H (CFH)
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Target Details

Alternative Name:	H factor (CFH Products)
Background:	H factor, CTLA3, Cytotoxic T-lymphocyte proteinase 1, CTL tryptase, Fragmentin-1, HFSP, HF, Granzyme A, Granzyme-1, GZMA, Hanukkah factor
UniProt:	P12544
Pathways:	Complement System , Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months