



Recombinant Human POLR3H Protein [His] (DAGC304)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	A recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-204 of Human POLR3H
Species	Human
Purity	>90%, by SDS-PAGE
Conjugate	His
Applications	ELISA
Molecular Weight	25.3 kDa
Format	Liquid
Size	100 µg
Buffer	20 mM Tris-HCl buffer (pH 8.0), 0.1 M NaCl, 10% glycerol, 1 mM DTT
Preservative	None
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

BACKGROUND

Introduction	POLR3H, also as known as A1665 and RPC8, belongs to the eukaryotic RPB7/RPC8 RNA polymerase subunit family. POLR3H is DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. It plays a key role in sensing and limiting infection by intracellular bacteria and DNA viruses.
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POLR3H acts as nuclear and cytosolic DNA sensor involved in innate immune response. Recombinant human POLR3H protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Keywords

DNA-directed RNA polymerase III subunit RPC8; RNA polymerase III subunit C8; DNA-directed RNA polymerase III subunit H; RNA polymerase III subunit 22.9 kDa subunit; RPC22.9; KIAA1665; RPC8; POLR3H
