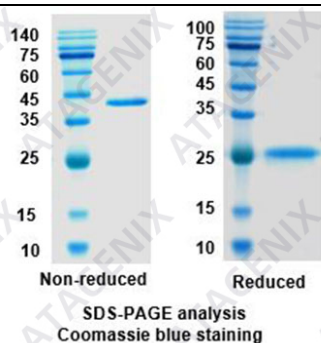


Product Details

INN (International Nonproprietary Name) Certolizumab Pegol

Purity >95%

SDS-PAGE image



Concentration 3.16 mg/ml

Formulation PBS buffer PH7.4

Source CHO cells

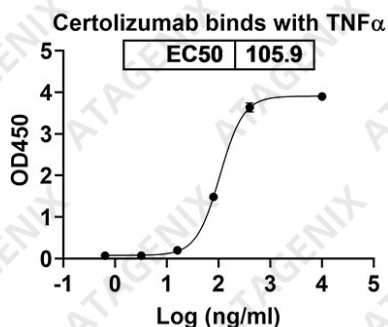
Endotoxin level <1EU/mg

Note For research use only .Not for use in clinical diagnostic procedures.

Bioactivity

Description Certolizumab pegol is a pegylated monoclonal antibody against the tumor necrosis factor-alpha (TNF-alpha).¹ It is formed with a humanized Fab fragment of 50 kDa, from an IgG 1 isotype, fused to a 40 kDa polyethylene glycol moiety replacing the Fc antibody region. The absence of the Fc region was ideated to prevent complement fixation and antibody-mediated cytotoxicity as well as to markedly increase its half-life.

Bioactivity



Alternative names	CDP870,PHA-738144
Specificity target name;species	TNFSF2/TNF-alpha/TNFA[Homo sapiens]
Species	Humanized
Receptor identification	Fab'-G1-kappa

Chemistry

MV	91000.00 Da
CAS	428863-50-7
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.Store at +4°C short term (1-2 weeks).Store at -20 °C 12 months. Store at -80°C long term.

