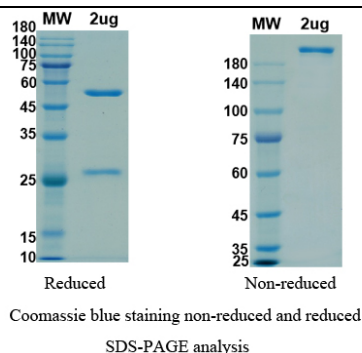


产品信息

货号 (Catalog No.)	ATAD00020
通用名INN	Natalizumab
纯度(Purity)	>95%

电泳图 (SDS-PAGE image)



浓度(Concentration)	1mg/ml
Formulation	PBS buffer PH7.5
Source	CHO cells
内毒素(Endotoxin level)	Please contact with the lab for this information.

生物活性

产品描述(Description)	Natalizumab is a recombinant, humanized monoclonal antibody, binds to $\alpha 4 \beta 1$ -integrin and blocks its interaction with vascular cell adhesion molecule-1 (VCAM-1). Natalizumab can be used for the treatment of relapsing remitting multiple sclerosis and Crohn's disease. Natalizumab is also the first targeted therapy which blocks an essential mechanism for lymphocyte entry to the CNS and thus prevents acute demyelinating relapses.
别名(Alternative names)	AN 100226, BG00002
靶点;物种(Specificity target name;species)	ITGA4/CD49d[Homo sapiens]
活性研究 (体外/体内研究) (Activity in vitro)	Natalizumab, a recombinant, humanized antibody, binds to $\alpha 4 \beta 1$ -integrin and blocks its interaction with VCAM-1. As a result, leukocyte migration into brain tissue is inhibited, reducing inflammation and preventing the formation of lesions. Natalizumab may also inhibit ongoing central nervous system (CNS) inflammation, mediated by leukocytes already present in the CNS, by interrupting the

interactions between $\alpha 4$ -integrin-expressing leukocytes and extracellular matrix

proteins such as fibronectin and osteopontin.

种类(Species)

Humanized

受体鉴定(Receptor identification)

IgG4-kappa

化学信息

CAS

189261-10-7

存储条件(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.

Note

For research use only .