

Ravulizumab

Catalogue No.: abx831410

Ravulizumab is a monoclonal antibody biosimilar expressed in CHO cells, targeting C5, for use in laboratory research applications. This product is not suitable for use as medicines or in human, therapeutic or diagnostic applications.

Ravulizumab is considered a long-acting complement 5 (C5) inhibitor that has been undergoing clinical trials for the treatment of paroxysmal nocturnal haemoglobinuria (PNH) as of 4 February, 2016. A drug similar to ravulizumab (ALXN1210), called eculizumab, is currently approved for the treatment of PNH in 46 countries under the brand name Soliris®. Ravulizumab is considered by Alexion Pharmaceuticals Inc. to be a "next-generation" eculizumab molecule. Ravulizumab was subsequently approved by the US FDA in December of 2018 for a variety of beneficial characteristics that make it an advanced, next-generation agent in comparison to eculizumab. In particular, ravulizumab is currently the first and only long-acting C5 complement inhibitor that can be administered every eight weeks for the treatment of adult patients with PNH whereas eculizumab is a bi-weekly treatment, Label. Moreover, virtually all of the phase 3 trial results for ravulizumab have demonstrated the equivalent efficacy and safety established by eculizumab and that patients transition safely and effectively from using eculizumab to ravulizumab. Subsequently, whereas PNH patients may have needed to previously plan their lives rather strictly around the bi-weekly infusion administrations of eculizumab, with ravulizumab such patients can find a more relaxed dosing schedule of only six or seven infusions over an entire year, Label.

Target:	C5
Clonality:	Monoclonal
Reactivity:	Human
Expression:	Recombinant
Tested Applications:	ELISA, WB
Host:	Human
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Isotype:	IgG ₂ -IgG4 Kappa
Form:	Liquid
Purity:	> 95%
Purification:	Purified from cell culture supernatants by Protein A/G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 1.0.0
Revision date: 22 Dec 2024



Buffer: 0.01 M PBS. pH 7.4.

CAS Number: 1803171-55-2

Concentration: Batch-dependent, typically between 0.5-2.0 mg/ml.

Note: This product is for research use only.
Not for human consumption, cosmetic, therapeutic or diagnostic use.

For Reference Only