

Recombinant Human Toll-like Receptor 1, Fc Chimera

Cat. No. TLR1-2393H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Mouse RBP4 (retinol binding protein 4) (aa 19-201) is fused at the N-terminus to a FLAG-tag. It is Expressed in HEK 293 cells.

Species Human

Source HEK293

ProteinLength 19-201 a.a.

Description This protein belongs to the lipocalin family and is the specific carrier for retinol (vitamin A alcohol) in the blood. It delivers retinol from the liver stores to the peripheral tissues. In plasma, the RBP-retinol complex interacts with transthyretin, which prevents its loss by filtration through the kidney glomeruli. A deficiency of vitamin A blocks secretion of the binding protein posttranslationally and results in defective delivery and supply to the epidermal cells.

Purity ≥90% (SDS-PAGE).

Stability Working aliquots are stable for up to 3 months when stored at -20°C.

Formulation Liquid. 0.2µm-filtered solution in PBS, pH 7.2.

Storage -20°C. Avoid freeze/thaw cycles. After opening, prepare aliquots and store at -20°C.

GENE INFORMATION

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Gene Name	Rbp4 retinol binding protein 4, plasma [Mus musculus]
Synonyms	Rbp4; retinol binding protein 4, plasma; Rbp-4; retinol-binding protein 4; RBP; PRBP; plasma retinol-binding protein; retinol binding protein 4, cellular
Gene ID	19662
mRNA Refseq	NM_001159487
Protein Refseq	NP_001152959
UniProt ID	Q00724
Chromosome Location	19 D1; 19 38.0 cM

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