

Recombinant Human Retinol Binding Protein 4 (RBP4), Transfected HEK293 Cell Culture Supernatant

Source

Species	Human
Accession Number	P02753
Gene Symbol	RBP4
Expressed Region	Glu19-Leu201
Synonyms	Retinol Binding Protein 4, Plasma Retinol-Binding Protein, PRBP, RBP4

Preparation

Expression System	Human embryonic kidney 293 (HEK293) cells
Tag	C-terminal his-tag
Purity	Unpurified cell culture supernatant. HEK293 cells grown in serum-free medium were transfected with expression vector harboring target gene. The cell culture was harvested with centrifugation to remove cells. The cell culture supernatant containing mammalian cell protease inhibitor cocktail was aliquoted and stored at -80 °C immediately. The gene overexpression in culture supernatant was confirmed by Western blotting using anti-His tag antibody and/or target-specific antibodies and the culture supernatant derived from HEK293 cells transfected with the empty expression vector was used as a negative control.
Molecular Weight	Recombinant protein product has a calculated molecular mass of 20 kDa. Due to the potential post-translational modifications, it migrates as approximately 25 kDa protein bands in SDS-PAGE under DTT, beta-mercaptoethanol reducing conditions.

Protein Specifications

Format	Pink liquid
Formulation	Cell culture supernatant of transfected HEK293 cells, serum-free.

Shipping

Ice packs. Including one vial of cell culture supernatant of HEK293 cells transfected with empty expression vector.

Storage/Stability

Upon arrival, the protein may be stored for 2 weeks at 4 °C. For long term storage, it is recommended to store at -20 °C or -80 °C in appropriate aliquots. Avoid repeated freeze-thaw cycles.

This product is furnished for LABORATORY RESEARCH USE ONLY.

Not for diagnostic or therapeutic use.