

## Product datasheet for **TP502052**

### Rbp4 (BC031809) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse retinol binding protein 4, plasma (cDNA clone MGC:19321 IMAGE:4193984), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR202052 protein sequence  
Red=Cloning site Green=Tags(s)

MEWWALVLLAALGGGSAERDCRVSSFRVKENFDKARFSGLWYAIAKKDPEGLFLQDNIIAEFSVDEKGH  
MSATAKGRVRLLSNWEVCADMVGTFTDTEPAKFKMKYWGVASFLQRGNDDHIIIDTDYDTFALQYSCRL  
QNLDTGTCADSYFVFSRDPNGLSPETRRLLVRQRQEELCLERQYRWIEHNGYCQSRPSRNSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-MYC/DDK

**Predicted MW:** 23.2 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C after receiving vials.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**Locus ID:** 19662

**UniProt ID:** [Q00724](#)

**RefSeq Size:** 804

**Cytogenetics:** 19 32.75 cM



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RefSeq ORF: 603

Synonyms: Rbp-4

**Summary:** Retinol-binding protein that mediates retinol transport in blood plasma. Delivers retinol from the liver stores to the peripheral tissues. Transfers the bound all-trans retinol to STRA6, that then facilitates retinol transport across the cell membrane.[UniProtKB/Swiss-Prot Function]