



[Go to Product page](#)

Datasheet for ABIN1945380

Retbindin Protein (RTBDN) (AA 31-229) (His tag)

Overview

Quantity:	50 µg
Target:	Retbindin (RTBDN)
Protein Characteristics:	AA 31-229
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Retbindin protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Retbindin/RTBDN (C-6His)
Sequence:	SRPLQARSQQ HHGLAADLGK GKLHLAGPCC PSEMDTTETS GPGNHPERCG VPSPECESFL EHLQRALRSR FRLRLLGVRQ AQPLCEELCQ AWFANCEDDI TCGPTWLPLS EKRGCEPSCL TYGQTFADGT DLCRSALGHA LPVAAPGARH CFNISISAVP RPRPGRRGRE APSRRSRSPR TSILDAAGSG SGSGSGSGPV DHHHHHH
Characteristics:	Recombinant Human RTBDN is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (AA 31-229) of Human RTBDN fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	Retbindin (RTBDN)
Alternative Name:	RTBDN (RTBDN Products)
Background:	Retbindin is a 229 amino acids protein that belongs to the folate receptor family. Retbindin is Expressed in retina.
Molecular Weight:	22.3 kDa
UniProt:	Q9BSG5

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.