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Datasheet for ABIN7318983

Retbindin Protein (RTBDN) (His tag)

Overview

Quantity:	50 µg
Target:	Retbindin (RTBDN)
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 Protein (His Tag)
Sequence:	Ser31-Pro229
Characteristics:	Recombinant Human Retbindin is produced by our Mammalian expression system and the target gene encoding Ser31-Pro229 is expressed with a 6His tag at the C-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Retbindin (RTBDN)
Alternative Name:	Retbindin/RTBDN (RTBDN Products)
Background:	Background: Human Retbindin is a 229 amino acid secreted protein that belongs to the folate receptor family. The gene that encodes retbindin exists as two alternatively spliced isoforms. Retbindin is first expressed in retina. It may play a role in binding retinoids and other

Target Details

carotenoids as it shares homology with,riboflavin binding proteins. RTBDN gene was first identified in a study of human eye tissues.

Synonym: Retbindin, RTBDN

Molecular Weight: 22.3 kDa

UniProt: [Q9BSG5](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.