



# AVISCERA BIOSCIENCE

## Acrogranin/Granulin (GRN) (Human), Recombinant Cy3 Conjugated

### Product Information

Code	00313-01-50C3
Name	GRN (H), Cy3 Conjugated
Lot No.	20110382
Size	50 µg
Species	Human
Sequence	Thr18-Leu593
Protein ID	P28799
Gene ID	2896
MW	63 KD
Tag	His tag on N terminal
Source	E. Coli
Purity	>95% in SDS-PAGE gel PBS
Formulation	lyophilized form without preservatives
Carry	Free
Storage	-20 ° C ~ -70° C
Reconstitution	500 µl

### Description

A DNA sequence encoding the human mature Acrogranin (Thr<sup>18</sup>-Leu<sup>593</sup>) with 6 His tag on the N-Terminus was expressed in *E. Coli* and purified by Ni-NTA column. That Acrogranin (GRN) was conjugated with Cy3 Maleimide Monoreactive dye 5. This conjugated GRN was dialysis against PBS (130 mM NaCl, 7 mM Na<sub>2</sub>HPO<sub>4</sub>, 3 mMNaH<sub>2</sub>PO<sub>4</sub>, pH7.4). Ex/Em: 550 nm/ 570 nm .

### Formulation

Lyophilized 50 µg of human Acrogranin Rec. Cy3 Conjugated in 300 µl of PBS (130 mM NaCl, 7 mM Na<sub>2</sub>HPO<sub>4</sub>, 3 mMNaH<sub>2</sub>PO<sub>4</sub>, pH7.4). Carry free.

### Reconstitution & Storage

Add 300 µl deionized water and 200 µl PBS to the vial to prepare a working stock solution at 100 µg/mL. Allow to set at least 30 minutes at 4 ° C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at - 20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

**Sequence:** Human Mature Acrogranin (Thr<sup>18</sup>-Leu<sup>593</sup>)

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