



AVISCERA BIOSCIENCE

Acrogranin (GRN) (Human), Recombinant FITC Conjugated

Product Information

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

ORDER INFORMATION

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Description

A DNA sequence encoding the human mature Acrogranin (Thr¹⁸-Leu⁵⁹³) with 6 His tag on the N-Terminus was expressed in *E. Coli.* and was purified by Ni-NTA column. That recombinant protein was conjugated with Fluorescein Isothiocyanate Isomer I (FITC, Fluorescein 5-isothiocyanate) and dialysis against PBS (130 mM NaCl, 7 mM Na₂HPO₄, 3 mM NaH₂PO₄, pH7.4). Ex/Em: 492 nm/ 518 nm .

Formulation

Lyophilized 50 µg of human Acrogranin Rec. FITC Conjugated in 500 µl of PBS (130 mM NaCl, 7 mM Na₂HPO₄, 3 mM NaH₂PO₄, pH7.4). Carry free.

Reconstitution & Storage

Add 500 µl deionized water 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 (Thr¹⁸-Leu⁵⁹³)

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18TRC
PDGQFCPVAC CLDPGGASYS CCRPLLDKWP TTLSRHLGGP
CQVDAHCSAG HSCIFTVSGT SSCCPFPEAV ACGDGHHCPC
RGFHCSADGR SCFQSRGNNS VGAIQCPDSQ FECPDFSTCC
VMVDGSWGCC PMPQASCCED RVHCCPHGAF CDLVHTRCIT
PTGTHPLAKK LPAQRTNRAV ALSSSVMCPD ARSRCPDGST
CCELPSGKYG CCPMPNATCC SDHLHCCPQD TVCDLIQSKC
LSKENATTDL LTKLPAHTVG DVKCDMEVSC PDGYTCCRLQ
SGAWGCCPFT QAVCCEDHIH CCPAGFTCDT QKGTCCEQGP
QVPWMEKAPA HLSLPDPQAL KRDVPCDNVS SCPSSDTCCQ
LTSGEWGCCP IPEAVCCSDH QHCCPQGYTC VAEGQCQRGS
EIVAGLEKMP ARRASLSHPR DIGCDQHTSC PVGQTCCPSL
GGSWACCQLP HAVCCEDRQH CCPAGYTCNV KARSCEKEVV
SAQPATFLAR SPHVGVKDVE CGEGHFCHDN QTCCRDNRQG
WACCPYRQGV CCADRRHCCP AGFRCAARGT KCLRREAPRW
DAPLRDPALR QLL 593
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THIS PRODUCT IS FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.