

Growth Differentiation Factor 15 (hGDF15) Active Protein | hGDF15 active protein

Recombinant Human Growth Differentiation Factor 15 (hGDF15)

CATALOG # AAA60567	HOST HEK293 cells
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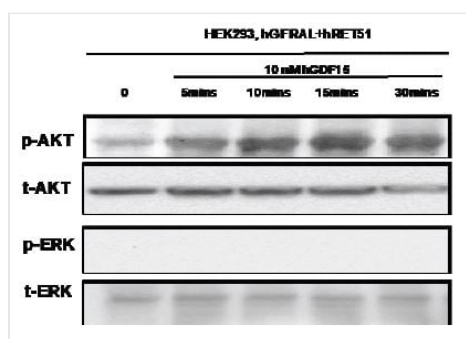
PRODUCT SYNONYMS

Growth Differentiation Factor 15 (hGDF15); Recombinant Human Growth Differentiation Factor 15 (hGDF15); Growth Differentiation Factor 15; hGDF15 active protein

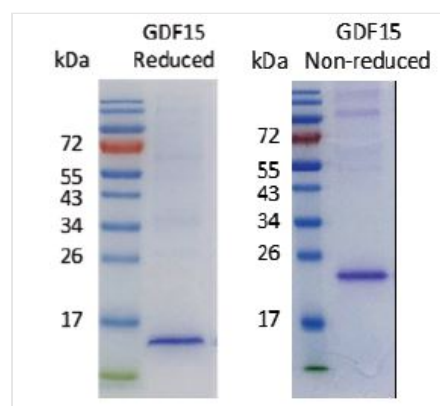
PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	>95%, determined by SDS-PAGE
Form/Format	Lyophilized at 0.1mg/mL in NaCl 137mM, KCl 2.7mM, Na ₂ HPO ₄ 10mM, KH ₂ PO ₄ 1.8mM, pH8.0.
Sequence	HHHHHHGGGG SARNGDHCPL GPGRCCLHT VRASLEDLGW ADWVLSPREV QVTMCIGACP SQFRAANMHA QIKTSLHRLK PDTVPAPCCV PASYNPMVLI QKTDGTGVSQ TYDDLAKDC HCI
Species	Human
Endotoxin Level	<0.2EU/ug, determined by LAL Test
Tag	N-terminal 6xHis
Reconstitution	Add deionized water to prepare a working stock solution of approximately 1mg/mL and let the lyophilized pellet dissolve completely.
Bioactivity Test	Recombinant hGDF15 is able to activate AKT and ERK phosphorylation in HEK293 cells co-transfected with GFRAL and RET51, which are receptor and co-receptor of GDF15.
Preparation and Storage	Store lyophilized protein at -20 degree C. Aliquot reconstituted protein and store at -80 degree C. Avoid repeated freezing /thawing cycles.

IMAGES



Application Data



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for hGDF15 active protein	GDF-15 belongs to the transforming growth factor beta superfamily. It is synthesized as a 62-kDa precursor protein, which, after cleavage by furin-like protease, is secreted as 25-kDa disulfide-linked dimer. GDF15 is an important regulator of appetite and energy homeostasis. It exerts its effects via its receptor called glial-derived neurotrophic factor (GDNF) receptor alpha-like (GFRAL).
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hek293-cells-active-protein/growth-differentiation-factor-15-hgdf15/60567>