

Recombinant Human GDF7 protein ab115505

Description

Product name	Recombinant Human GDF7 protein
Biological activity	Determined by its ability to inhibit induced alkaline phosphatase production by ATDC5 chondrogenic cells.
Purity	> 98 % SDS-PAGE. ab115505 is greater than 98% by SDS-PAGE gel and HPLC analyses.
Endotoxin level	< 0.100 Eu/μg
Expression system	Escherichia coli
Accession	<u>Q75RY1</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	TALAGTRTAQGS GGGAGRGHGRRGRSRC SRKPLHVDFK ELGWDDWIIAPL DYEAYHCEGLCDFPLRSHLEPTNHAIIQTLLNSMAPDAAPA SCCVPARLS PISILYIDAANNVVKQYEDMVVEACGCR
Predicted molecular weight	28 kDa
Amino acids	325 to 450

Specifications

Our **Abpromise guarantee** covers the use of **ab115505** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Functional Studies
Form	Lyophilized
Additional notes	Determined by its ability to inhibit induced alkaline phosphatase production by ATDC5 chondrogenic cells.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Reconstitution	Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.

General Info

Function	May play an active role in the motor area of the primate neocortex.
Sequence similarities	Belongs to the TGF-beta family.
Cellular localization	Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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