

Datasheet for ABIN7551558

## Repetin Protein (RPTN) (AA 1-784) (His tag)



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### Overview

Quantity:	1 mg
Target:	Repetin (RPTN)
Protein Characteristics:	AA 1-784
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Repetin protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant RPTN Protein expressed in mammalian cells.
Sequence:	<p>MAQLLSILS VIDVFHKYAK GNGDCALLCK EELKQLLLAE FGDILQRPND PETVETILNL</p> <p>LDQDRDGHID FHEYLLLVFQ LVQACYHKLD NKSHGGRTSQ QERGQEGAQD CKFPGNTGRQ</p> <p>HRQRHEEERQ NSHHSQPERQ DGDSSHGQPE RQDRDSHHGQ SEKQDRDSHH SQPERQDRDS</p> <p>HHNQSERQDK DFSFDQSERQ SQDSSSGKKV SHKSTSGQAK WQGHIFALNR CEKPIQDSHY</p> <p>GQSERHTQQS ETLGQASHFN QTNQQKSGSY CGQSERLGQE LGCGQTDRQG QSSHYGQTDR</p> <p>QDQSYHYGQT DRQGQSSHYS QTDRQGQSSH YSQPDRQGQS SHYGQMDRKG QCYHYDQTNR</p> <p>QGQGSYHYSQ NRQGQSSHYG QPDTQDQSSH YGQTDRQDQS SHYGQTERQG QSSHYSQMDR</p> <p>QGQGSYHYGQT DRQGQSSHYG QPDRQGQNSH YGQTDRQGQS SHYGQTERQG QSSHYSQMDR</p> <p>QGQSSHYGKI DRQDQSYHYG QPDGQGQSSH YGQTDRQGQS FHYGQPDQSG QSSHYSQMDR</p> <p>QGQSSHYGQT DRQGQSSHYG QTDRQGQSYH YGQTDRQGQS SHYIQSQTGE IQGQNKYFQG</p> <p>TEGTRKASYV EQSGRSGRLS QQTPGQEGYQ NQGQGFQSRD SQQNGHQVWE PEEDSQHHQH</p> <p>KLLAQIQQER PLCHKGRDWQ SCSSEQGHRQ AQTRQSHGEG LSHWAEEEQG HQTWDRHSHE</p>



## Product Details

SQEGPCGTQD RRTHKDEQNH QRRDRQTHEH EQSHQRRDRQ THEDKQNRQR RDRQTHEDEQ NHQR **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

**Characteristics:** **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

**Grade:** custom-made

## Target Details

**Target:** Repetin (RPTN)

**Alternative Name:** RPTN ([RPTN Products](#))

**Background:** Repetin,FUNCTION: Involved in the cornified cell envelope formation. Multifunctional epidermal matrix protein. Reversibly binds calcium.

**Molecular Weight:** 90.7 kDa

**UniProt:** [Q6XPR3](#)



## Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months