Granulin (GRN) Recombinant Protein | GRN recombinant protein

Recombinant Granulin (GRN)

CATALOG #	HOST	APPLICATIONS
AAA20325	**E.coli**	**SDS-Page, Western Blot**

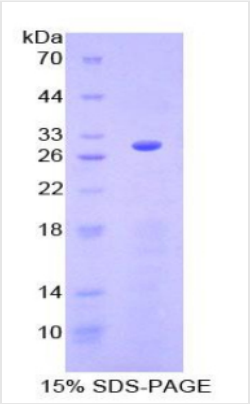
PRODUCT SYNONYMS

Granulin (GRN); Recombinant Granulin (GRN); GRN recombinant protein

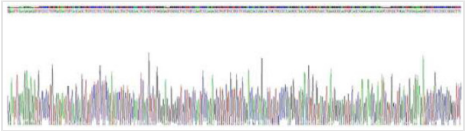
PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 97%
Form/Format	Freeze-dried powder; 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5% Trehalose.
Concentration	50ug/mL (varies by lot)
Applicable Applications for GRN recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Lys361~Arg585
Tags	N-terminal His Tag
Subcellular Location	Secreted
Predicted isoelectric point	.6
Reconstitution	Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 2-8ºC for one month. Aliquot and store at -80ºC for 12 months. **Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Identification
Figure. Gene Sequencing (extract

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          KRDVPCDNVS SCPSSDTCCQ LTSGEWGCCP IPEAVCCSDH
QHCCPQGYTC VAEGQCQRGS EIVAGLEKMP ARRASLSHPR DIGCDQHTSC
PVGQTCCPSL GGSWACCQLP HAVCCEDRQH CCPAGYTCNV KARSCEKEVV
SAQPATFLAR SPHVGVKDVE CGEGHFCHDN QTCCRDNRQG WACCPYRQGV
CCADRRHCCP AGFRCAARGT KCLRREAPRW DAPLR
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Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504151
NCBI GeneID	2896
NCBI Accession #	NP_002078.1
NCBI GenBank Nucleotide #	NM_002087.2
UniProt Accession #	P28799; P23781; P23782; P23783; P23784; Q53HQ8; Q53Y88; Q540U8; Q9BWE7; Q9H8S1; Q9UCH0; D3DX55
Molecular Weight	Predicted Molecular Mass: 31.1kDa Accurate Molecular Mass: 31kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	granulins
NCBI Official Synonym Full Names	granulin
NCBI Official Symbol	GRN
NCBI Official Synonym Symbols	GEP; GP88; PEPI; PGRN; CLN11; PCDGF
NCBI Protein Information	granulins; acrogranin; progranulin; proepithelin; granulin-epithelin; PC cell-derived growth factor
UniProt Protein Name	Granulins
UniProt Gene Name	**GRN**
UniProt Synonym Gene Names	PEPI
UniProt Entry Name	GRN_HUMAN

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://www.aaabiotech.com/grn-recombinant-protein-e-coli-positive-control-immunogen-sds-page-wb-western-blot/20325