

Recombinant Granulin (GRN) Instruction Manual

SIPC803Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	26.7kDa
Accurate Molecular Mass	34kDa(Analysis of differences refer to the manual)
Residues & Tags	Met234~Gly419 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MPNATCC SDHLHCCPQD
TVCDLIQSKC LSKENATTDL LTKLPAHTVG DVKCDMEVSC PDGYTCCRLQ
SGAWGCCPFT QAVCCEDHIH CCPAGFTCDT QKGTCEQGPH QVPWMEKAPA
HLSLPDPQAL KRDVPCDNVS SCPSSDTCCQ LTSGEWGCCP IPEAVCCSDH
QHCCPQGYTC VAEGQCQRG

USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

