

Neurogenin 3 (NEUROG3) Recombinant Protein | NEUROG3 recombinant protein

Recombinant Neurogenin 3 (NEUROG3)

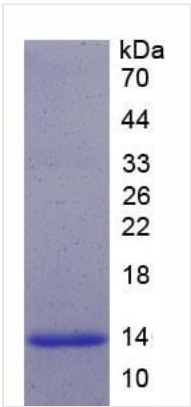
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA135557	E Coli	Human	Immunoprecipitation, Immunoprecipitation, ELISA, Western Blot, SDS-Page

PRODUCT SYNONYMS

Neurogenin 3 (NEUROG3); Recombinant Neurogenin 3 (NEUROG3); NEUROG3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	>98%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Concentration	200ug/mL (varies by lot)
Applicable Applications for NEUROG3 recombinant protein	IP (CoImmunoprecipitation), IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Source	Prokaryotic expression
Residues	Arg93~Leu214
Tags	N-terminal His-Tag
Tissue Specificity	Rectum
Subcellular Location	Nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	6.2
Predicted Molecular Mass	14.2kDa
Accurate Molecular Mass	14kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C 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 degree 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.



Sequence

PNRMHNLN
SALDALRGVL PTFDDAKLT KIETLRFHNN YINALTQTLR IADHSLYALE
PPAPHCGELG SPGGSPGDWG SLYSPVSQAG SLSPAASLEE PGLLGATFS
ACLSPGSLAF SDFL

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	68989258
NCBI GeneID	50674
NCBI Accession #	NP_066279.2
NCBI GenBank Nucleotide #	NM_020999.3
UniProt Accession #	Q9Y4Z2; Q5VV10; Q6DJX6; Q9BY24
NCBI Official Full Name	neurogenin-3
NCBI Official Synonym Full Names	neurogenin 3
NCBI Official Symbol	NEUROG3
NCBI Official Synonym Symbols	ngn3; Atoh5; NGN-3; Math4B; bHLHa7
NCBI Protein Information	neurogenin-3; protein atonal homolog 5; class A basic helix-loop-helix protein 7
UniProt Protein Name	Neurogenin-3
UniProt Gene Name	NEUROG3
UniProt Synonym Gene Names	ATOH5; BHLHA7; NGN3; NGN-3; bHLHa7
UniProt Entry Name	NGN3_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.