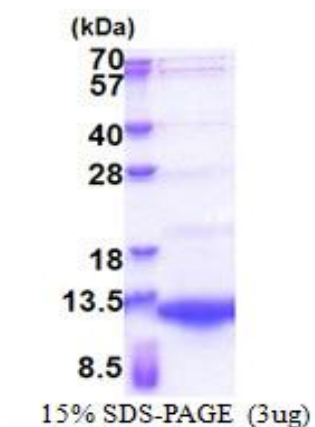


NRG4, Human Recombinant

CATALOG NO:	P1580-10 10 µg
ALTERNATE NAMES:	Pro-neuregulin-4, membrane-bound isoform, Pro-NRG4, Neuregulin-4, NRG-4
MOL. WT.	9.1 kDa (84aa) (N-terminal His-Tag)
SOURCE:	<i>E. coli</i>
PURITY:	>90% SDS - PAGE
FORM:	Liquid
FORMULATION:	In 20 mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 0.15 M NaCl, 1 mM DTT
STORAGE CONDITIONS:	Store at 4°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.
DESCRIPTION:	NRG4 belongs to the neuregulin family and contains 1 EGF-like domain. The protein is low affinity ligand for the ERBB4 tyrosine kinase receptor. It concomitantly recruits ERBB1 and ERBB2 coreceptors, resulting in ligandstimulated tyrosine phosphorylation and activation of the ERBB receptors. NRG4 does not bind to the ERBB1, ERBB2 and ERBB3 receptors. Recombinant human NRG4 protein, fused to His-tag at N-terminus, was expressed in <i>E. coli</i> and purified by using conventional chromatography techniques.
AMINO ACID SEQUENCE:	aa 1-61



3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

RELATED PRODUCTS:

- Heregulin-β2 (HRG2β), Human Recombinant (4730)
- Neuregulin/Heregulin-1β Antibody (6650)
- Neuregulin/Heregulin-1β (NRG-1β/HRG-1β), human recombinant (4711)
- Neuregulin-1/NRG1-beta1 (human) ELISA Kit (K4711)

FOR RESEARCH USE ONLY! Not to be used on humans.