

Recombinant Human NET1 Protein, His-tagged

Cat. No. NET1-562H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NET1, transcript variant 2, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene is part of the family of Rho guanine nucleotide exchange factors. Members of this family activate Rho proteins by catalyzing the exchange of GDP for GTP. The protein encoded by this gene interacts with RhoA within the cell nucleus and may play a role in repairing DNA damage after ionizing radiation. Pseudogenes of this gene are located on the long arms of chromosomes 1, 7 and 18. Alternative splicing results in multiple transcript variants that encode different protein isoforms.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	61.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	NET1 neuroepithelial cell transforming 1 [Homo sapiens]
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Official Symbol	NET1
Synonyms	NET1; neuroepithelial cell transforming 1; neuroepithelial cell-transforming gene 1 protein; ARHGEF8; NET1A; proto-oncogene p65 Net1; p65 Net1 proto-oncogene protein; small GTP-binding protein regulator; neuroepithelioma transforming gene 1; neuroepithelial cell transforming gene 1; rho guanine nucleotide exchange factor 8; Rho guanine nucleotide exchange factor (GEF) 8; guanine nucleotide regulatory protein (oncogene);
Gene ID	10276
mRNA Refseq	NM_001047160
Protein Refseq	NP_001040625
MIM	606450
UniProt ID	Q7Z628

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