

Recombinant Human NSG1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NSG1-1612H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	D4S234E MS Standard C13 and N15-labeled recombinant protein (NP_055207) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	NSG1 (Neuronal Vesicle Trafficking Associated 1) is a Protein Coding gene. Gene Ontology (GO) annotations related to this gene include clathrin light chain binding. An important paralog of this gene is NSG2.
Molecular Mass	20.7 kDa
AA Sequence	MVKLGNNFAEKGTKQPLLEDGFDTIPLMTPLDVNQLQFPPDPKVVVKTKEYEPDRK KGKARPPQIAEFTVSITEGVTERFKVSVLVLFALAFLTCVVFLVVYKVYKYDRACPDG FVLKNTQCIPEGLESYYAEQDSSAREKFYTVINHYNLAKQSITRSVSPWMSVLSEEKL SEQETEAAEKSATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [NSG1 neuronal vesicle trafficking associated 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [NSG1](#)

Synonyms NSG1; neuronal vesicle trafficking associated 1; P21; D4S234; NEEP21; D4S234E; neuronal vesicle trafficking-associated protein 1; brain neuron cytoplasmic protein 1; carboxyterminally EE-tagged neuron-enriched endosomal 21 kDa protein; neuron specific gene family member 1; neuron-enriched endosomal protein of 21 kDa; neuron-specific protein family member 1

Gene ID [27065](#)

mRNA Refseq [NM_014392](#)

Protein Refseq [NP_055207](#)

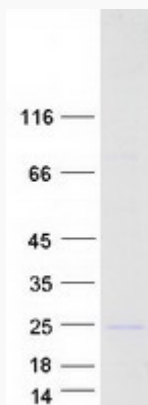
MIM [607645](#)

UniProt ID [P42857](#)

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SDS-PAGE

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