Recombinant Human NOS1AP Protein, His-tagged

Cat. No. NOS1AP-1157H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NOS1AP protein, fused to His tag at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a cytosolic protein that binds to the signaling molecule, neuronal nitric oxide synthase (nNOS). This protein has a C-terminal PDZ-binding domain that mediates interactions with nNOS and an N-terminal phosphotyrosine binding (PTB) domain that binds to the small monomeric G protein, Dexras1. Studies of the related mouse and rat proteins have shown that this protein functions as an adapter protein linking nNOS to specific targets, such as Dexras1 and the synapsins. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2009].
Form	50 mM Tris, 8 M Urea, pH 8.0
Molecular Mass	56 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	NOS1AP nitric oxide synthase 1 (neuronal) adaptor protein [Homo sapiens]
Official Symbol	NOS1AP
Synonyms	6330408P19Rik; CAPON
Gene ID	9722
mRNA Refseq	NM_001126060
Protein Refseq	NP_001119532
MIM	605551
UniProt ID	O75052

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