

Recombinant Human ING1 Protein, His tagged

Cat. No. ING1-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ING1 Protein (213-327 aa) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	213-327 aa
Description	This gene encodes a tumor suppressor protein that can induce cell growth arrest and apoptosis. The encoded protein is a nuclear protein that physically interacts with the tumor suppressor protein TP53 and is a component of the p53 signaling pathway. Reduced expression and rearrangement of this gene have been detected in various cancers. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported.
Molecular Mass	14 kDa
Purity	> 90% by SDS-PAGE
AA Sequence	MLHCVQRALIRSQELGDEKIQIVSQMVLENRTRQVDSHVELFEAQQELGDTAGN SGKAGADRPKGEEAAQADKPNSKRSRRQRNNENRENASSNHDHDDGASGTPKEK KAKTSHHHHHHHH
Endotoxin	< 1.0 EU/μg by LAL

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH8.2, 8% Trehalose, 10% Glycerol
Concentration	1 mg/mL by BCA

GENE INFORMATION

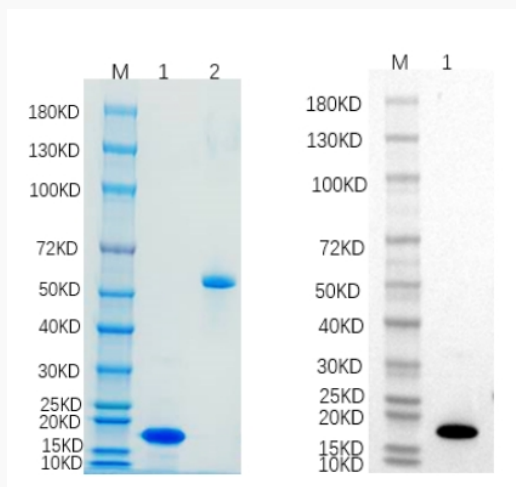
Gene Name	ING1 inhibitor of growth family member 1 [Homo sapiens (human)]
Official Symbol	ING1
Synonyms	ING1; inhibitor of growth family, member 1; inhibitor of growth protein 1; growth inhibitor ING1; growth inhibitory protein ING1; inhibitor of growth 1; p24ING1c; p33; p33ING1; p33ING1b; p47; p47ING1a; tumor suppressor ING1
Gene ID	3621
mRNA Refseq	NM_005537
Protein Refseq	NP_005528
MIM	601566
UniProt ID	Q9UK53

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SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified ING1. 1. ING1: 1 μ g 2. BSA: 1 μ g

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