Recombinant Human INVS protein, GST-tagged

Cat. No. INVS-3510H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human INVS protein(1-90 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-90 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MNKSENLLFAGSSLASQVHAAAVNGDKGALQRLIVGNSALKDKEDQFGRTPLMYCV LADRLDCADALLKAGADVNKTDHSQRTALHLAAQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200

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	µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	INVS inversin [Homo sapiens]
Official Symbol	INVS
Synonyms	INVS; inversin; nephronophthisis 2 (infantile) , NPHP2; nephrocystin 2; nephrocystin-2; inversion of embryonic turning; inversion of embryo turning homolog; INV; NPH2; NPHP2; KIAA0573; MGC133080; MGC133081;
Gene ID	27130
mRNA Refseq	NM_014425
Protein Refseq	NP_055240
MIM	243305
UniProt ID	Q9Y283
SDS-PAGE	

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