Recombinant Human INVS Protein, GST-tagged

Cat. No. INVS-5082H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human INVS full-length ORF (AAH06370, 1 a.a. - 101 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein containing multiple ankyrin domains and two IQ calmodulin-binding domains. The encoded protein may function in renal tubular development and function, and in left-right axis determination. This protein interacts with nephrocystin and infers a connection between primary cilia function and left-right axis determination. A similar protein in mice interacts with calmodulin. Mutations in this gene have been associated with nephronophthisis type 2. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq
Molecular Mass	36.85 kDa
AA Sequence	MNKSENLLFAGSSLASQVHAAAVNGDKGALQRLIVGNSALKDKEDQFGRTPLMYCV LADRLDCADALLKAGADVNKTDHSQRTALHLAAQKALRTISTGRI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

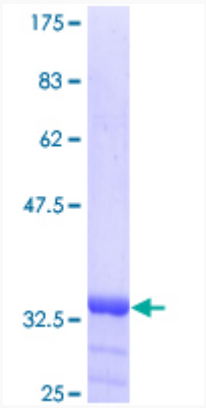
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue

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