

# Recombinant Full Length Human CYS1 Protein, GST-tagged

Cat. No. CYS1-2487HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CYS1 full-length ORF ( AAI48589.1, 1 a.a. - 158 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	158 amino acids
<b>Description</b>	CYS1 (Cystin 1) is a Protein Coding gene. Diseases associated with CYS1 include Astereognosia and Yellow Nail Syndrome. Among its related pathways are Cargo trafficking to the periciliary membrane and Organelle biogenesis and maintenance.
<b>Molecular Mass</b>	43.78 kDa
<b>AA Sequence</b>	MGSGSSRSSRTLRRRRSPESLPAGPGAAALEGGTRRRVPVAAA E VPGAAAEEAPG RDPSPVAPPDGRDET L RLLDELLAESAAWGPPEPAPRRPARLRPTAVAGSAVCAEQ STEGHPGSGNVSEAPGSGRKKPERPAAISYDHSEEGLMASIEREYCR
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.

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<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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## GENE INFORMATION

<b>Gene Name</b>	CYS1 cystin 1 [ Homo sapiens (human) ]
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<b>Official Symbol</b>	CYS1
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<b>Synonyms</b>	cystin-1; cilia-associated protein; CYS1
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<b>Gene ID</b>	192668
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<b>mRNA Refseq</b>	NM_001037160.2
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<b>Protein Refseq</b>	NP_001032237.1
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<b>MIM</b>	618713
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<b>UniProt ID</b>	Q717R9
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