

## Recombinant Human SOLH

**Cat. No.** SOLH-27401TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment of Human Calpain 15 with an N terminal proprietary tag; Predicted MWt 35.97 kDa.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	94 amino acids
<b>Description</b>	This gene encodes a protein containing zinc-finger-like repeats and a calpain-like protease domain. The encoded protein may function as a transcription factor, RNA-binding protein, or in protein-protein interactions during visual system development.
<b>Molecular Weight</b>	35.970kDa inclusive of tags
<b>Tissue specificity</b>	Widely expressed with higher expression in brain.
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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**Sequences of amino acids** HPKAYLHVQCDCTDSFNVVSTRGSLRTQDSVPPLHRQVLVILSQLEGNAGFSITHRL  
AHRKAAQAFLSDWTASKGTHSPPLTPEVAGLHGPRPL

**Sequence Similarities** Belongs to the peptidase C2 family. Contains 1 calpain catalytic domain. Contains 5 RanBP2-type zinc fingers.

## GENE INFORMATION

**Gene Name** SOLH small optic lobes homolog (Drosophila) [ Homo sapiens ]

**Official Symbol** SOLH

**Synonyms** SOLH; small optic lobes homolog (Drosophila); small optic lobes (Drosophila) homolog; calpain-15; CAPN15;

**Gene ID** 6650

**mRNA Refseq** NM\_005632

**Protein Refseq** NP\_005623

**MIM** 603267

**Uniprot ID** O75808

**Chromosome Location** 16p13.3

**Function** calcium-dependent cysteine-type endopeptidase activity; cysteine-type peptidase activity; metal ion binding; peptidase activity; sequence-specific DNA binding transcription factor activity;

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