

Recombinant Human SOLH

SOLH-27401TH Human

Lot. No. (See product label)

Specification

| | |
|---------------------------------|---|
| Product Overview | Recombinant fragment of Human Calpain 15 with an N terminal proprietary tag; Predicted MWt 35.97 kDa. |
| Description | 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. |
| Protein length | 94 amino acids |
| Molecular Weight | 35.970kDa inclusive of tags |
| Source | Wheat germ |
| Tissue specificity | Widely expressed with higher expression in brain. |
| Form | Liquid |
| Purity | Proprietary Purification |
| Storage buffer | pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl |
| Storage | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles. |
| Sequences of amino acids | HPKAYLHVQCDCTDSFNVVSTRGSLRTQDSVPPLHRQVLVILSQLEGNAGFSITHRLAHRKAAQA FLSDWTASKGTHSPPLTPEVAGLHGPRPL |
| Sequence Similarities | Belongs to the peptidase C2 family. Contains 1 calpain catalytic domain. Contains 5 RanBP2-type zinc fingers. |

Gene Information

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|------------------------|---|
| 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 |

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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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