Recombinant Human SOLH

Cat. No. SOLH-27401TH **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.
Species	Human
Source	Wheat Germ
ProteinLength	94 amino acids
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.
Molecular Weight	35.970kDa inclusive of tags
Tissue specificity	Widely expressed with higher expression in brain.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	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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