

# Recombinant Full Length Human ASH2L Protein, GST-tagged

**Cat. No.** ASH2L-1087HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ASH2L full-length ORF ( AAH15936.1, 1 a.a. - 534 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>    | 534 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | ASH2L (ASH2 Like Histone Lysine Methyltransferase Complex Subunit) is a Protein Coding gene. Diseases associated with ASH2L include Kabuki Syndrome 1. Among its related pathways are Signaling by Wnt and Chromatin organization. GO annotations related to this gene include transcription regulatory region DNA binding and histone methyltransferase activity (H3-K4 specific).                                                                                            |
| <b>Molecular Mass</b>   | 86.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | MDTQAGSVDE ENGRQLGEVE LQCGICTKWF TADTFGIDTS SCLPFMTNYS<br>FHCNVCHHSG NTYFLRKQAN LKEMCLSALA NLTWQSRTQD EHPKTMFSKD<br>KDIIPFIDKY WECMTTRQRP GKMTWPNNIV KTMSKERDVF LVKEHPDPGS<br>KDPEEDYPKF GLLDQDLSNI GPAYDNQKQS SAVSTSGNLN GGIAAGSSGK<br>GRGAKRKQQD GGTTGTTKKA RSDPLFSAQR LPPHGYPLEH PFNKDGYRYI<br>LAEPDPHAPD PEKLELDCWA GKPIPGDLYR ACLYERVLLA LHDRAPQLKI<br>SDDRLLTVVGE KGYSMVRASH GVRKGAWYFE ITVDEMPPDT AARLGWSQPL<br>GNLQAPLGVD KFSYSWRSKK GTKFHHQSIGK HYSSGYGQGD VLGFIYNLPE |

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DTETAKSLPD TYKDKALIKF KSYLYFEEKD FVDKAEKSLK QTPHSEIIFY  
KNGVNQGVAY KDIFEGVYFP AISLYKSCTV SINFGPCFKY PPKDLTYRPM  
SDMGWGAVVE HTLADVLYHV ETEVDGRRSP PWEF

**Applications**

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);  
Antibody Production; Protein Array

**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**

ASH2L ash2 (absent, small, or homeotic)-like (Drosophila) [ Homo sapiens ]

**Official Symbol**

ASH2L

**Synonyms**

ASH2L; ash2 (absent, small, or homeotic)-like (Drosophila); ash2 (absent, small, or homeotic, Drosophila, homolog) like , ASH2L1; set1/Ash2 histone methyltransferase complex subunit ASH2; ASH2; ASH2L2; Bre2; ASH2-like protein; ASH2L1

**Gene ID**

9070

**mRNA Refseq**

NM\_001105214

**Protein Refseq**

NP\_001098684

**MIM**

604782

**UniProt ID**

Q9UBL3

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