

Recombinant Human AXL Receptor Tyrosine Kinase, His-tagged, Active

Cat. No. AXL-249H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human AXL (473-end) was expressed by baculovirus in <i>Sf9 insect cell</i> using an N-terminal His tag. MW = 55 kDa.
Species	Human
Source	Sf9 Cells
Protein Length	473-end a.a.
Description	AXL is a member of the receptor tyrosine kinase family which has oncogenic potential and is implicated in human myeloid leukemia. AXL is a member of a complex signaling network that is involved in the control of cell proliferation and differentiation. Overexpression of AXL cDNA in NIH 3T3 cells induces neoplastic transformation of these cells with the concomitant appearance of a 140kDa AXL tyrosine-phosphorylated protein. Expression of AXL cDNA in the baculovirus system results in the expression of the appropriate recombinant protein that is recognized by antiphosphotyrosine antibodies, confirming that the AXL protein is tyrosine phosphorylated.
Sequence	473-end.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at -70°C . For optimal storage, aliquot target into smaller quantities after

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centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

Gene Name	AXL AXL receptor tyrosine kinase [Homo sapiens]
Synonyms	AXL receptor tyrosine kinase; UFO; JTK11; AXL; oncogene AXL; AXL transforming sequence/gene; EC 2.7.10.1; AXL oncogene
Gene ID	558
mRNA Refseq	NM_001699
Protein Refseq	NP_001690
MIM	109135
UniProt ID	P30530
Chromosome Location	19q13.1
Function	transmembrane receptor protein tyrosine kinase activity; ATP binding; nucleotide binding; protein binding; receptor activity; transferase activity

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