

Bioactive

AXL (Human) Recombinant Protein

Catalog # P5687 Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

Specification	
Product Description	Human AXL (NP_001690.2, 464 a.a 885 a.a.) partial recombinant protein with GST tag expressed in Baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	74
Form	Liquid
Preparation Method	Baculovirus expression system
Purification	Glutathione sepharose chromatography
Purity	66 % by SDS-PAGE/CBB staining.

😭 Abnova	Product Information
Activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluoresce nce-labeled substrate and Mg (or Mn)/ATP. The phosphorylated and unphosphorylated substrates w ere separated and detected by LabChip [™] 3000. Substrate : CSKtide. ATP: 100 µM.
Quality Control Testing	Loading 1 ug protein in SDS-PAGE
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — AXL	
Entrez GenelD	558
Protein Accession#	<u>NP_001690.2</u>
Gene Name	AXL
Gene Alias	JTK11, UFO
Gene Description	AXL receptor tyrosine kinase
Omim ID	<u>109135</u>
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the receptor tyrosine kinase subfamily. Although it is similar to other receptor tyrosine kinases, this protein represents a unique structure of the extr acellular region that juxtaposes IgL and FNIII repeats. It transduces signals from the extracellular m atrix into the cytoplasm by binding growth factors like vitamin K-dependent protein growth-arrest-s pecific gene 6. It is involved in the stimulation of cell proliferation and can also mediate cell aggre gation by homophilic binding. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq
Other Designations	AXL transforming sequence/gene oncogene AXL



Disease

- <u>Cardiovascular Diseases</u>
- Carotid Artery Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- <u>Stroke</u>