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## Data Sheet

### AXL

Human, recombinant, N-terminal GST tag  
Catalog #: 40180

**Formulated in:** 25 mM Tris-HCl, pH 8.0,  
100 mM NaCl, 0.05% Tween-20, 50% glycerol,  
and 3 mM DTT.

**Stability:** >6 months at -80°C

#### References:

1. Sawabu T. et al., Mol Carcinog. 2007 Feb;46(2):155-64.
2. Vajkoczy P. et al., Proc Natl Acad Sci U S A. 2006 Apr 11;103(15):5799-804.

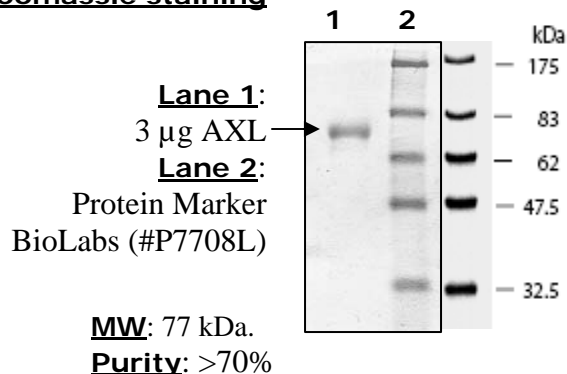
**Description:** AXL (GenBank Accession No. NM\_021913), (a.a. 473-894) with N-terminal GST tag, MW= 77 kDa, expressed in a Baculovirus infected Sf9 cell expression system.

**Specific Activity:** 140 U/mg. One unit is defined as the amount of enzyme that will transfer 1 nmol phosphate to Tyr substrate per minute at pH 7.4 and 30°C. Assay buffer: 50 mM HEPES, pH 7.4, 3 mM MgCl<sub>2</sub>, 3 mM MnCl<sub>2</sub>, 1 mM DTT, 3 μM Na-orthovanadate, 0.5 mM ATP, 30 μg/ml Poly (Glu:Tyr)4:1 substrate, and 1 μg/ml recombinant AXL.

**Application:** Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.

### *Quality Assurance*

#### 10% SDS-PAGE Coomassie staining



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