

# Mouse Arylsulfatase A protein, His tag (active)

**Cat. No. GTX66927-pro**

**Applications** Functional Assay

**Species** Mouse

**Package**

10 µg

## Applications

### Application Note

Specific activity is > 4500 pmol/min/µg, and defined as the amount of enzyme that hydrolyze 4-Nitrocatechol at pH 5.0 at 37°C.

**Observed MW (kDa)** 50-70 kDa.

## Properties

**Form** Liquid

**Buffer** PBS, 10% Glycerol

**Preservative** No preservatives

**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

**Concentration** 0.5 mg/ml (Please refer to the vial label for the specific concentration.)

### Region/Sequence

C-terminal His-Tag; Length: 498 a.a. Sequence: ADPSPPNILL IFADDLGYGD LGSYGHPSST TPNLDQLAEG GLRFTDFYVP VSLCTPSRAA LLTGRLPVRS GMYPGVLGPS SQGGLPLEEV TLAEVLAARG YLTGMAGKWH LGVGPEGAFI PPHQGFHRFL GIPYSHDQGP CQNLTCFPPD IPCKGGCDQG LVPIPLLANL TVEAQPWLP GLEARYVSFS RDLMADAQRQ GRPFFLYAS HHTHYQFSG QSFTKRSGRG PFGDSLME LD GAVGALMTTV GDLGLEETL VIFTADNGPE LMRMSNGGCS GLLRCGKGT FEGGVREPAL VYWPGHITPG VTHELASSLD LLPTLAALTG APLPNVTLDG VDISPLLLGT GKSPRKS VFF YPPYPDEIHG VFAVRNGKYK AHFFTQGSAH SDTSDPACH AANRLTAHEP PLYDLSQDP GENYNVLESI EGVSPALQA LKHIQLLKAQ YDAAMTFGPS QIAKGEDPAL QICCPSCPT HPVCCCHCPGS QSHHHHHH

**Expression System** Baculovirus

**Purity** > 95% by SDS-PAGE.

**Endotoxin** < 0.1 EU/µg (determined by LAL method)

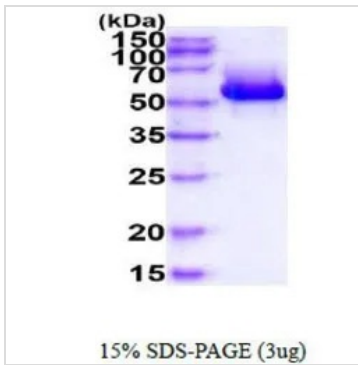
**Conjugation** Unconjugated

**Note** For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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## DATA IMAGES

**GTX66927-pro Image**

3  $\mu$ g of GTX66927-pro Mouse Arylsulfatase A protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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