

Bioactive

Arsa (Mouse) Recombinant Protein

Catalog # P8053

Size 50 ug

Applications

Specification

Product Description

Mouse Arsa (P50428, 18 a.a. - 506 a.a.) partial length recombinant protein with His tag expressed in Baculovirus expression system.

Sequence

SPPNILLIFADDLGYGDLGSYGHPSSTTPNLDQLAEGGLRFTDFYVPVSLCTPSRAALLTGRLPVR
SGMYPGVLGPSSQGGLPLEEVTLAEVLAARGYLTMAGKWHLGVGPEGAFLPPHQGFHRFLGIP
YSHDQGPCQNLTCFPPDIPCKGGCDQGLVPIPLLANLTVEAQPPWLPGLEARYVSFSRDLMA
DADAQRQGRPFLLYASHHHTYPQFSGQSFTKRSGRGPFGDSLMELDGAVGALMTTVGDLGLLEETLVI
FTADNGPELMRMSNGGCSGLLRGCGKGTTFEGGVREPALVYWPGHITPGVTHELASSLDLLPTLA
ALTGAPLPNVTLDGVDISPLLLGTGKSPRKSVFFYPYPDEIHGVFAVRNGKYKAHFFTQGSAHSD
TTSDPACHAANRLTAHEPPLLYDLSQDPGENYNVLESIEGVSPALQALKHIQLLKAQYDAAMTFG
PSQIAKGEDPALQICCPSCTPHPVCCHCPGSQS

Host

Viruses

Theoretical MW (kDa)

53.2

Form

Liquid

Preparation Method

Baculovirus expression system

Purity

> 95% by SDS-PAGE

Endotoxin Level

< 1 EU per 1 ug of protein (determined by LAL method)

Activity	Specific activity is > 4500 pmol/min/ug, and is defined as the amount of enzyme that hydrolyze 4-Nitro catechol at pH 5.0 at 37°C.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by Coomassie blue stain.
Storage Buffer	In Phosphate-Buffer Saline pH 7.4 (10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Arsa

Entrez GeneID	11883
Protein Accession#	P50428
Gene Name	Arsa
Gene Alias	AS-A, ASA, AW212749, As-2, As2, C230037L18Rik, TISP73
Gene Description	arylsulfatase A
Gene Ontology	Hyperlink
Other Designations	-