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 SGMYPGVLGPSSQGGLPLEEVTLAEVLAARGYLTGMAGKWHLGVGPEGAFLPPHQGFHRFLGIP YSHDQGPCQNLTCFPPDIPCKGGCDQGLVPIPLLANLTVEAQPPWLPGLEARYVSFSRDLMADA QRQGRPFFLYYASHHTHYPQFSGQSFTKRSGRGPFGDSLMELDGAVGALMTTVGDLGLLEETLVI FTADNGPELMRMSNGGCSGLLRCGKGTTFEGGVREPALVYWPGHITPGVTHELASSLDLLPTLA ALTGAPLPNVTLDGVDISPLLLGTGKSPRKSVFFYPPYPDEIHGVFAVRNGKYKAHFFTQGSAHSD TTSDPACHAANRLTAHEPPLLYDLSQDPGENYNVLESIEGVSPEALQALKHIQLLKAQYDAAMTFG PSQIAKGEDPALQICCQPSCTPHPVCCHCPGSQS
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)

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Activity	Specific activity is > 4500 pmol/min/ug, and is defined as the amount of enzyme that hydrolyze 4-Nitr ocatechol 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	-

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