

Recombinant Arylsulfatase A (ARSA) Instruction Manual

SIPG998Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Lysosome
Predicted Molecular Mass	33.0kDa
Accurate Molecular Mass	33kDa(Analysis of differences refer to the manual)
Residues & Tags	Arg19~Gly293 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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RP PNIVLIFADD LGYDGLGCGY HPSSTTPNLD  
QLAAGGLRFT DFYVPVSLCT PSRAALLTGR LPVRMGMYPG VLPSSRGGL  
PLEEVTVAEV LAARGYLTGM AGKWHLGVGP EGAFLLPPHQG FHRFLGIPYS  
HDQGPCQNL TCFPPATPCDG GCDQGLVPIP LLANLSVEAQ PPWLPGLLEAR  
YMAFAHDLMA DAQRQDRPFF LYYASHHHTY PQFSGQSFAE RSGRGPFGDS  
LMELDAAVGT LMTAIGDLGL LEETLVIFTA DNGPETMRMS RGG
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

