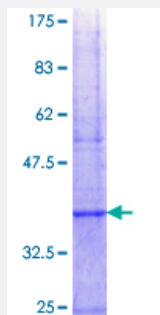


MSRA (Human) Recombinant Protein (Q01)

Catalog # H00004482-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MSRA partial ORF (NP_036463.1, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLSATRRACQLLLLHSLFPVPRMGNSASNIVSPQEALPGRKEQTPVAAKHHVNGNRTVEPFPEG TQMAVFGMGCFWGAERKFWVLKGVYSTQVGFAGGYT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MSRA

Entrez GeneID [4482](#)

GeneBank Accession# [NM_012331](#)

Protein Accession# [NP_036463.1](#)

Gene Name MSRA

Gene Alias -

Gene Description methionine sulfoxide reductase A

Omim ID [601250](#)

Gene Ontology [Hyperlink](#)

Gene Summary This protein is ubiquitous and highly conserved. It carries out the enzymatic reduction of methionine sulfoxide to methionine. Human and animal studies have shown the highest levels of expression in kidney and nervous tissue. Its proposed function is the repair of oxidative damage to proteins to restore biological activity. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations cytosolic methionine-S-sulfoxide reductase|peptide met (O) reductase

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Obesity](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)