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MSRB2 Human

Catalog #:ENPS-043

For research use only.

Description:MSRB2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 183 amino acids (21-182a.a.) and having a molecular mass of 19.5kDa.MSRB2 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms:CBS-1, PILB, Pilin-like Transcription Factor, MSRB, CGI-131, Mmethionine Sulfoxide Reductase B2, Methionine-R-Sulfoxide Reductase B2 Mitochondrial, MGC26104, MsrB2. EC 1.8.4.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MVRGQAGGGG PGTGPGLGEA GSLATCELPL AKSEWQKKLT PEQFYVTREK GTEPPFSGIY LNNKEAGMYH CVCCDSPLFS SEKKYCSGTG WPSFSEAHGT SGSDESHTGI LRRLDTSLGS ARTEVVCKQC EAHLGHVFPD GPGPNGQRFC INSVALKFKP RKH

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:
The MSRB2 protein solution (1mg/1ml) is formulated in In 20 mM Tris-HCl Buffer (pH 7.5), 1 mM DTT,0.1 mM PMSF and 10% Glycerol.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
MSRB2 is a member of the methionine sulfoxide reductases(MSRs) family which are antioxidant repair enzymes. MSRB2 protein catalyzes the decrease of free and protein-bound methionine sulfoxide to methionine. MSRB2 has a part in protecting against oxidative stress in numerous organs.

Storage:
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.Please avoid freeze thaw cycles.

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