www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

HSPB9 Human

Catalog #:HYPS-058

For research use only.

Description:HSPB9 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 179 amino acids (1-159 a.a.) and having a molecular mass of 19.6kDa.HSPB9 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms: Heat shock protein beta-9, HspB9, Cancer/testis antigen 51, CT51, HSPB9.

Source:E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MQRVGNTFSN ESRVASRCPS VGLAERNRVA TMPVRLLRDS PAAQEDNDHA RDGFQMKLDA HGFAPEELVV QVDGQWLMVT GQQQLDVRDP ERVSYRMSQK VHRKMLPSNL SPTAMTCCLT PSGQLWVRGQ CVALALPEAQ TGPSPRLGSL GSKASNLTR.

Purity: Greater than 85% as determined by SDS-PAGE.

Formulation:
The HSPB9 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 50% glycerol, 0.2M NaCl and 2mM DTT.

Stability:
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

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:
Heat Shock Protein B9 (HSPB9) is a member of the small heat shock protein (HSP20) family. HSPB9 is found in the cytoplasm as well as in the nucleus. HSPB9 is expressed specifically in the testis.

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