

rP97107Hu01 100µg

Sulfatase 2 (SULF2)

Organism: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

7th Edition (Revised in May, 2013)

[PROPERTIES]

Residues: Phe337~Arg649 (Accession # Q8IWU5),
with two N-terminal Tags, His-tag and GST-tag.

Host: *E. coli*

Subcellular Location: Endoplasmic reticulum. Golgi
apparatus, Golgi stack. Cell surface.

Purity: >95%

Endotoxin Level: <1.0EU per 1µg
(determined by the LAL method).

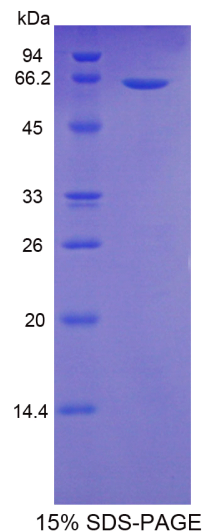
Formulation: Supplied as lyophilized form in PBS,
pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Predicted isoelectric point: 8.7

Predicted Molecular Mass: 62.7kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)



[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The target protein is fused with two N-terminal Tags, His-tag and GST-tag, its sequence is listed below.

MRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD
VVLYMDPMCL DAFPKLVCFK KRIEAIPQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD
GSTSGSGHHH HHSAGLVPR GSTAIGMKET AAKFERQHM DSPDLGTLEV
LFQGPLGSEF-FDIR VPFYVRGPNV EAGCLNPHIVLNIDLAPTIL DIAGLDIPAD MDGKSILKLL
DTERPVNRFH LKKKMRVWRD SFLVERGKLLHKRDNDKVDA QEENFLPKYQ RVKDLQCRAE
YQTACEQLGQ KWQCVEDATG KLKLHKCKGPMRLGGSRALS NLVPKYYGQG
SEACTCDSGD YKLSLAGRRK KLFKKKYKAS YVRSRSIRSVAIEVDGRVYH VGLGDAAQPR
NLTKRHWPGA PEDQDDKDG GDFSGTGGLPD YSAANPIKVTHRCYILENDT VQCDLDLYKS
LQAWKDHKLH IDHEIETLQN KIKNLREVR