

Hermansky Pudlak Syndrome Protein 4 Recombinant Protein | HPS4 recombinant protein

Recombinant Hermansky Pudlak Syndrome Protein 4 (HPS4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144331	Host: E ColiSource: Prokaryotic expression	Mouse	Immunoprecipitation, ELISA, Western Blot, SDS-Page

PRODUCT SYNONYMS

Hermansky Pudlak Syndrome Protein 4; Recombinant Hermansky Pudlak Syndrome Protein 4 (HPS4); HPS4 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Reactivity	Mouse
Purity/Purification	>90%
Form/Format	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag. The sequence is listed below. LYDGSKVKGEGDPTRAGICYFYPPQTLLDQQLLCGQLAGVVRCLWDLSGTPPMLIRM RNLKFAIRAD GDYLWALGCGVEISDASCRCFLDQLIGFFHFYMGVSLAYKSHPEELSLQWDTSTITQVL RSTSESHRIF NALWNLDRTKVEPLLLKAA LILQTCQRSPHVLGCILYKGLIVNSQLLP SLTAKVL
Sequence Length	703
Applicable Applications for HPS4 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted isoelectric point	7.7
Predicted Molecular Mass	25.5kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and T7-tag
Organism Species	Mus musculus (Mouse)
Fragment	Leu20~Leu214
Usage	Reconstitute in sterile ddH ₂ O.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree 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 degree 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.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	23110970
NCBI GeneID	89781
NCBI Accession #	NP_690054.1
NCBI GenBank Nucleotide #	NM_152841.2
NCBI Official Full Name	Hermansky-Pudlak syndrome 4 protein isoform b
NCBI Official Synonym Full Names	Hermansky-Pudlak syndrome 4
NCBI Official Symbol	HPS4
NCBI Official Synonym Symbols	LE
NCBI Protein Information	Hermansky-Pudlak syndrome 4 protein
UniProt Protein Name	Hermansky-Pudlak syndrome 4 protein
UniProt Gene Name	HPS4
UniProt Synonym Gene Names	KIAA1667
UniProt Entry Name	HPS4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hps4-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/144331>