

Recombinant Human ITIH3 Protein

Catalog #	Source	Reactivity	Applications
CRP1835	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human ITIH3 Protein is produced by our mammalian expression system and the target gene encoding Leu35-Asp651 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Gene Symbol ITIH3

Alternative Names Inter-alpha-trypsin inhibitor heavy chain H3; ITI heavy chain H3; ITI-HC3; Inter-alpha-inhibitor heavy chain 3; Serum-derived hyaluronan-associated protein; SHAP

Entrez Gene 3699 (Human)

SwissProt Q06033 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure LPEGVANGIE VYSTKINSKV TSRFAHNVVT MRAVNRADTA KEVSFDVELP KTAFITNFTL
TIDGVTYPGN VKEKEVAKKQ YEKA VSQGKT AGLVKASGRK LEKFTVSVNV AAGSKVTFEL
TYEELLKRHK GKYEMYLKVQ PKQLVKHFEI EVDIFEPQGI SMLDAEASFI TNDLLGSALT
KSFSGKKGHV SFKPSLDQQR SCPTCTDSSL NGDFTITYDV NRESPGNVQI VNGYFVHFFA
PQGLPVVPKN VAFVIDISGS MAGRKLEQTK EALLRILEDM QEEDYLNFIL FSGDVSTWKE
HLVQATPENL QEARTFVKSM EDKGMTNIND GLLRGISMLN KAREEHRIPE RSTSIVIMLT
DGDANVGESR PEKIQENVRN AIGGKFPLYN LGFGNNLNYN FLENMALENH GFARRIYEDS
DADLQLQGFY EEVANPLLTG VEMEYPENAI LDLTQNTYQH FYDGSEIVVA GRLVDEDMNS
FKADVKGHGA TNDLTFTEEV DMKEMEKALQ ERDYIFGNYI ERLWAYLTIE QLLEKRKNAH
GEEKENLTAR ALDLSLKYHF VTPLTSMVVT KPEDNEDERA IADKPGEDAE ATPVSPAMSY

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

LTSYQPPQNP YYYVDGDVDH HHHHH

Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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