

Human IL18 protein, His tag

Cat. No. GTX00227-pro

Applications	ELISA, Functional Assay
Species	Human

Package
10 µg

Applications

Application Note

Recommended antibody pairs for sandwich ELISA:

Capture : GTX637584, Detection : GTX637411 or Capture : GTX637411, Detection : GTX637584.

The detection antibody requires HRP conjugation. Please contact us for the conjugation service.

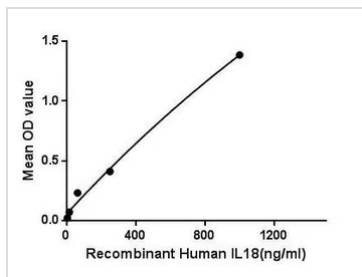
Observed MW (kDa) 18 kDa.

Properties

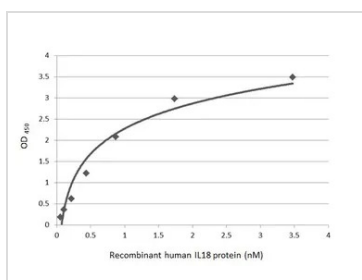
Form	Lyophilized powder
Buffer	Reconstitute with 20mM Tris and 150mM NaCl to 0.1-1.0mg/ml. Do not vortex. Lyophilized from 20mM Tris, 150mM NaCl, 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose.
Preservative	ProClin 300
Storage	For short-term storage (1-2 weeks), store at 4°C. For long-term storage, store at -20°C or below. After reconstitution, keep as concentrated solution. Avoid freeze-thaw cycles.
Region/Sequence	N-terminal His-Tag; Tyr37~Asp193 (NP_001230140.1)
Expression System	E. coli
Purity	> 90%
Endotoxin	< 1 EU/µg
Conjugation	Unconjugated
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



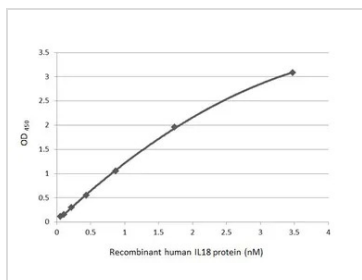
For full product information, images and publications, please visit our [website](https://www.genetex.com).

DATA IMAGES

GTX00227-pro Functional Assay Image

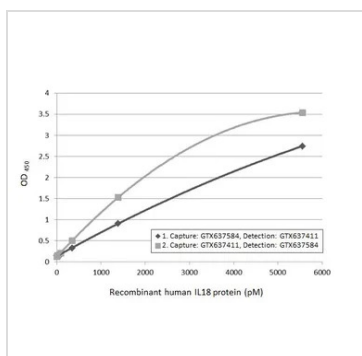
Functional ELISA analysis of GTX00227-pro Human IL18 protein which can bind immobilized CASP1 protein.


GTX00227-pro Image

Indirect ELISA analysis was performed by coating the plate with recombinant E.coli expressed, full-length human IL18 protein, His tag (GTX00227-pro) (3.47-0.05 nM). Coated protein was probed with IL18 antibody [HL1859] (GTX637584) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.


GTX00227-pro Image

Indirect ELISA analysis was performed by coating the plate with recombinant E.coli expressed, full-length human IL18 protein, His tag (GTX00227-pro) (3.47-0.05 nM). Coated protein was probed with IL18 antibody [HL1761] (GTX637411) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.


GTX00227-pro ELISA Image

Sandwich ELISA detection of recombinant E.coli expressed, full-length human IL18 protein, His tag (GTX00227-pro) using antibodies as below.

Capture: IL18 antibody [HL1859] (GTX637584) and IL18 antibody [HL1761] (GTX637411) (5 µg/mL)

Detection: HRP-conjugated IL18 antibody [HL1859] (GTX637584), IL18 antibody [HL1761] (GTX637411) and IL18 antibody [HL2523] (GTX638884) (1 µg/mL)

Please notice that needs to be conjugated to HRP to function as the detection antibody when paired with . Please contact us for custom HRP-conjugated antibody.



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