

IL-38/IL-1F10/IL-1HY2, Human, Recombinant

Cat. No. : PCK197

General Information

Synonyms	interleukin 1 family member 10;IL1F10;FIL1-theta;FKSG75;IL-1HY2;IL1-theta;IL1HY2
Species	Human
Expression host	E.coli
Sequence	MCSLPMARYYIIKYADQKALYTRDGQLLVGDPVADNCCAEEKICTLPNRLDRTKVPIFLGIQGG SRCLACVETEEGPSLQLEDVNIEELYKGGEEATRFTFFQSSSGSAFRLEAAAWPGWFLCGPAEP QQPVQLTKESEPSARTKFYFEQSW with polyhistidine tag at the C-terminus.
Accession	AAI03967.1
Tag	His-tag at the C-terminus
Mol mass	17.78 kDa
Expiration date	12 months

Product feature

Purity	> 98% as determined by SDS-PAGE. Ni-NTA chromatography.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.
Shipping	Ice bag
Formulation	The protein was lyophilized from a 0.2 μm filtered solution containing 1 × PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 μg/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

Background

IL-38 expresses in the fetal skin, spleen and tonsil, mostly in the basal epithelia of skin and in proliferating B cells of the tonsil. IL-38 can bind soluble IL-1 receptor type 1 and may be involved in the regulation of adapted and innate immune responses.

SDS-PAGE