

BTNL8 Protein, Human (HEK293, hFc)

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| Cat. No.: | HY-P79382 |
| Synonyms: | Butyrophilin-like protein 8; BTNL8; Butyrophilin-like 8 |
| Species: | Human |
| Source: | HEK293 |
| Accession: | Q6UX41-1 (Q18-K238) |
| Gene ID: | 79908 |
| Molecular Weight: | approximately 65 kDa |

PROPERTIES

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| AA Sequence | <p> QWQVFGPDKP VQALVGEDAA FSCFLSPKTN AEAMEVRFRR GQFSSVVHLY RDGKDQPFMQ MPQYQGRTKL VKDSIAEGR I SLRLENI TVL DAGLYGCRIS SQSYYQKAIW ELQVSALGSV PLISITGYVD RDIQLLCQSS GWFPRPTAKW KGPQGQDLST DSRTNRDMHG LFDVEISLTV QENAGSISCS MRHAHLSREV ESRVQIGDTF FEPISWHLAT K </p> |
| Biological Activity | Measured by its ability to enhance anti-CD3-induced IFN-gamma secretion of mouse CTLL-2 cells. The ED ₅₀ for this effect is 2.028 µg/mL in the presence of 10µg/mL anti-CD3, corresponding to a specific activity is 493.097 U/mg. |
| Appearance | Lyophilized powder. |
| Formulation | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. |
| Endotoxin Level | <1 EU/µg, determined by LAL method. |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose). |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping | Room temperature in continental US; may vary elsewhere. |

DESCRIPTION

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| Background | BTNL8 protein potentially functions as a stimulator of the primary immune response, exerting its effects on T-cells that are sub-optimally stimulated through the TCR/CD3 complex. Its activity involves promoting the proliferation of T-cells and enhancing the production of cytokines. |
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Caution: Product has not been fully validated for medical applications. For research use only.

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